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Explanation

The contents of this wiring diagram manual include: Manual Introduction, Electrical Layout, Power Distribution, Networks and Interfaces, Audio and Entertainment, Body Control ModuleBCM/Central Control Module CCM (I), Body Control ModuleBCM/Central Control Module CCM(II), Body Control ModuleBCM/Central Control Module CCM(III), Restraint Systems, Powertrain System, Brakes and Steering, and Driving Assistance.

The manual introduction provides readers with a general understanding of the entire contents of the wiring diagram manual, including instructions on how to read the wiring diagrams, abbreviations used in the manual, icons explained, general methods for circuit fault detection, harness fault symptoms, and repair methods.

The Electrical Layout indicates the distribution and location of all harnesses on the actual vehicle, including module layout, harness layout diagrams, and component placement.

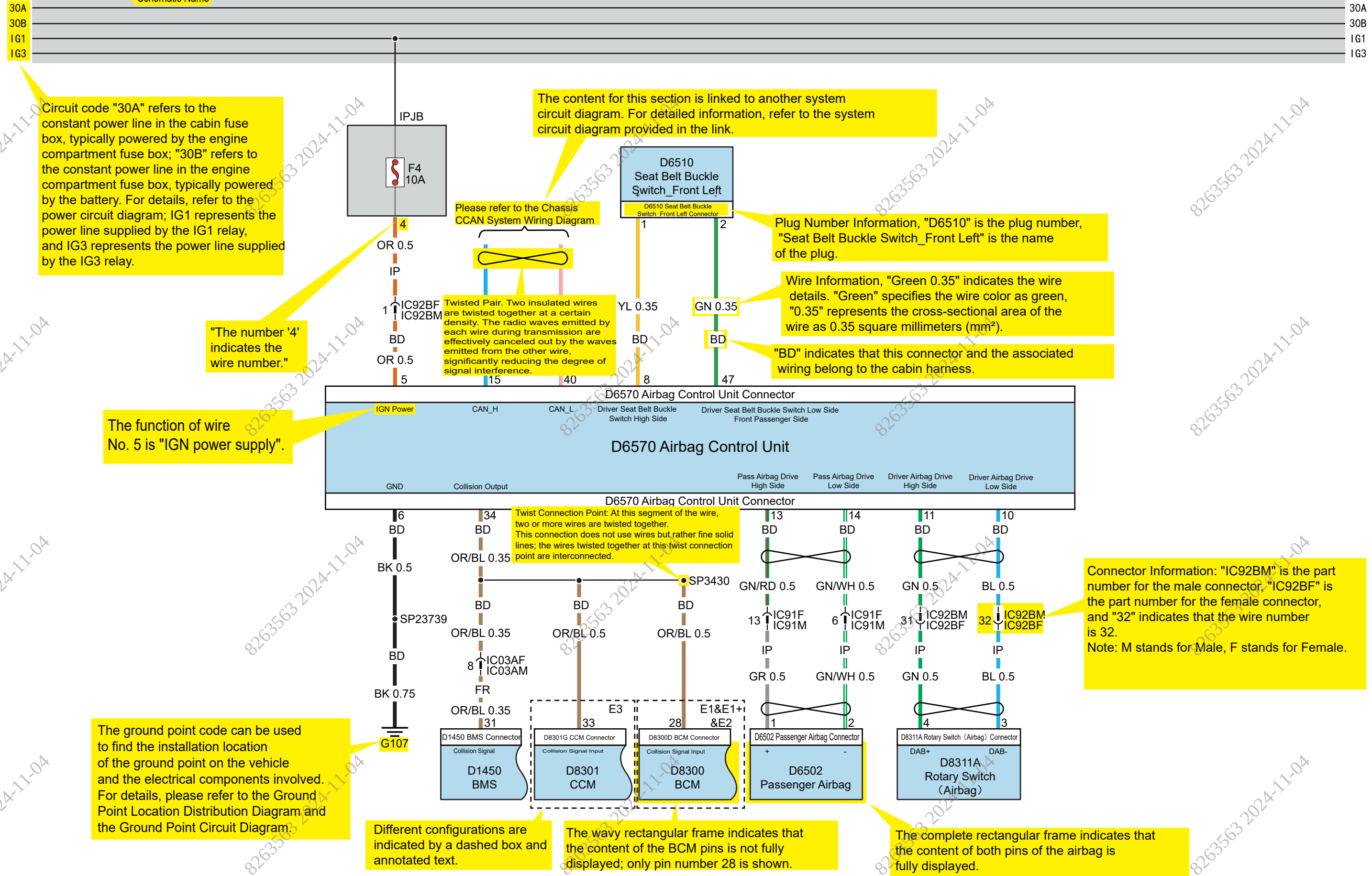
The system circuit diagrams are divided according to system functions into Power Distribution, Networks and Interfaces, Audio and Entertainment, Body Control ModuleBCM/Central Control Module CCM (I), Body Control ModuleBCM/Central Control Module CCM(II),Body Control ModuleBCM/Central Control Module CCM(III), Restraint Systems, Powertrain System, Brakes and Steering, and Driving Assistance.

Schematic Sample Explanation

Airbag Schematic

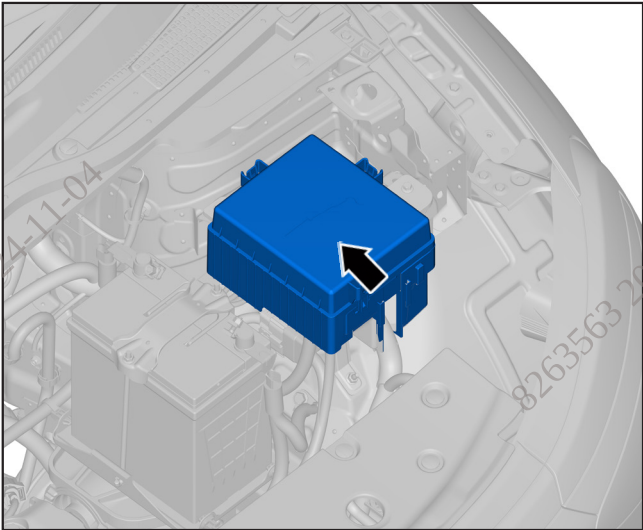
Schematic Name

Description: 30A supplies power to IPJB, 30B supplies power to EJB, IG1 supplies power to IGN1RLY, IG3 supplies power to IGN3RLY, For detailed information, refer to the Power System section.



Module Location Illustration Example Description

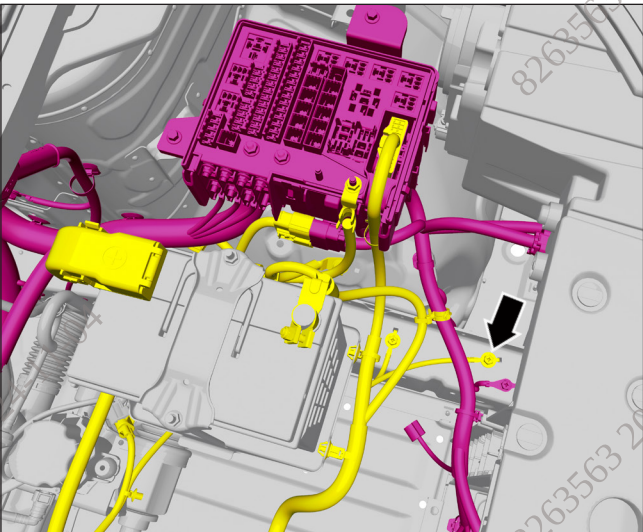
The Module Location Illustration indicates the distribution and location of all control units in the actual vehicle.



Engine Compartment Fuse Box EJB: Installed on the left front wheel cover, indicated by an arrow.

Grounding Point Location Illustration Example Description

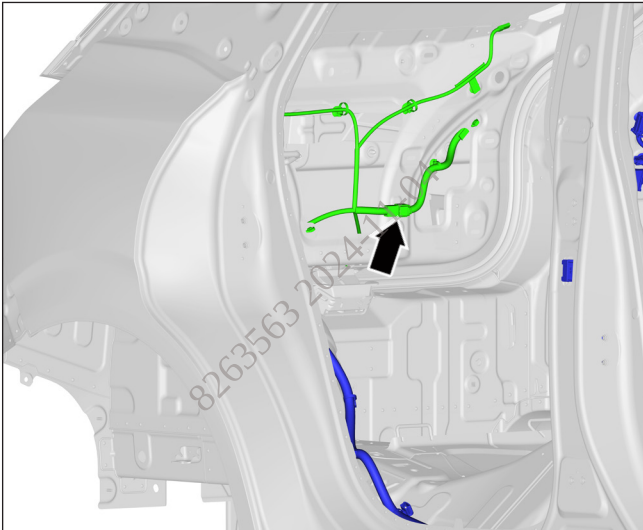
The Grounding Point Location Illustration indicates the distribution and location of all grounding points in the actual vehicle.



G104 Grounding Point: Installed on the left front longitudinal beam, indicated by an arrow.

Connector Location Illustration Example Description

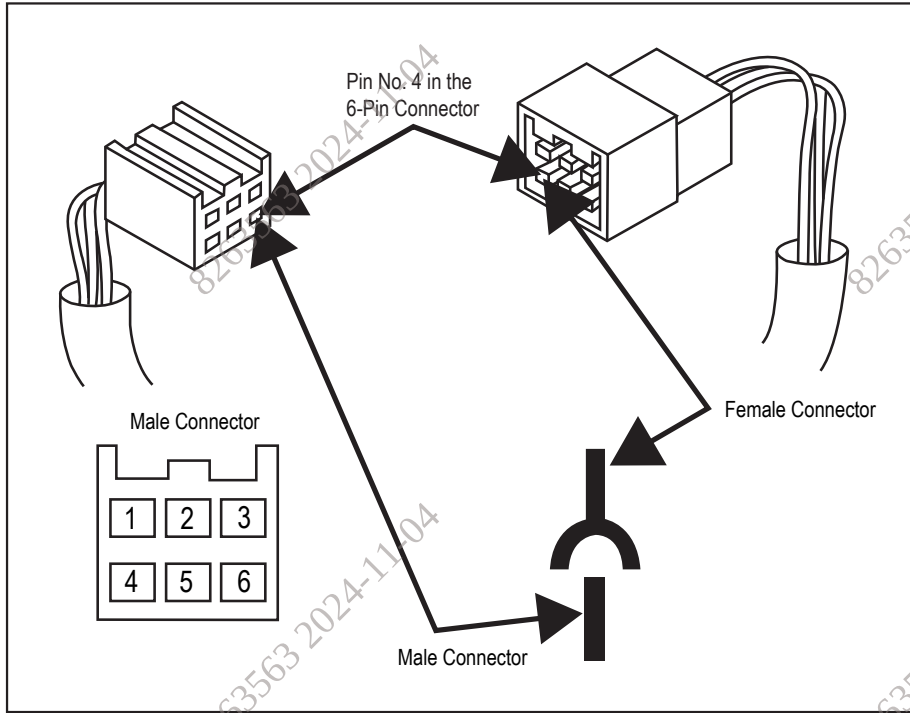
The Connector Location Illustration indicates the distribution and location of all harness connectors in the actual vehicle.



Rear Door Harness IC80BM connects to Tailgate Auxiliary Harness IC80BF

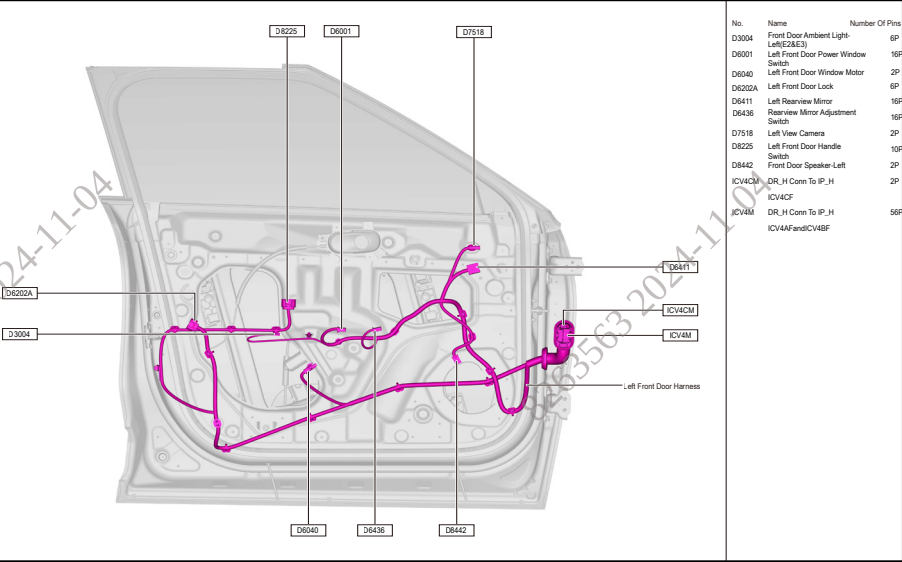
CAUTION

- A connector typically refers to the mating plug between harnesses, such as Engine Harness & Front Harness indicating the connector between the engine harness and the front harness. Connectors are divided into male and female connectors.
- When measuring circuits with a multimeter, try to use the probe to measure the female connector pins. If it is necessary to measure the male connector pins, insert the probe from the wire entry end of the male connector to prevent damage to the male connector pins.



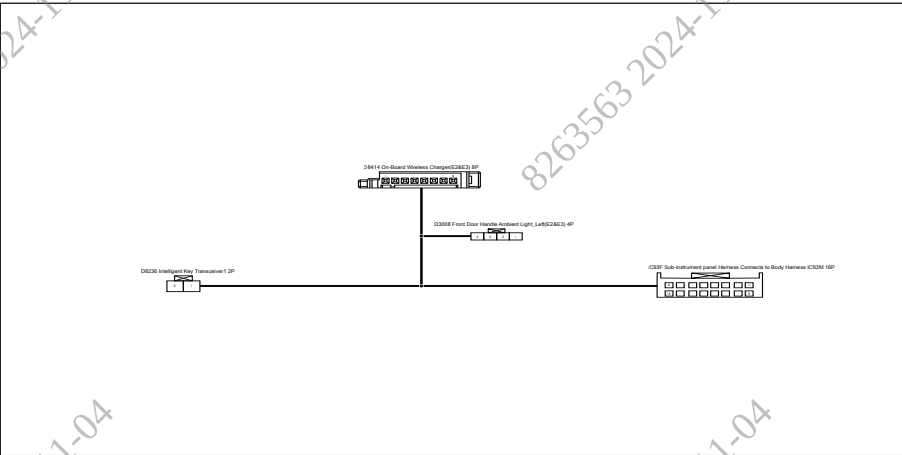
Harness Location Illustration Example Description

The Harness Location Illustration indicates the arrangement of the harnesses on the actual vehicle and the location of connectors.



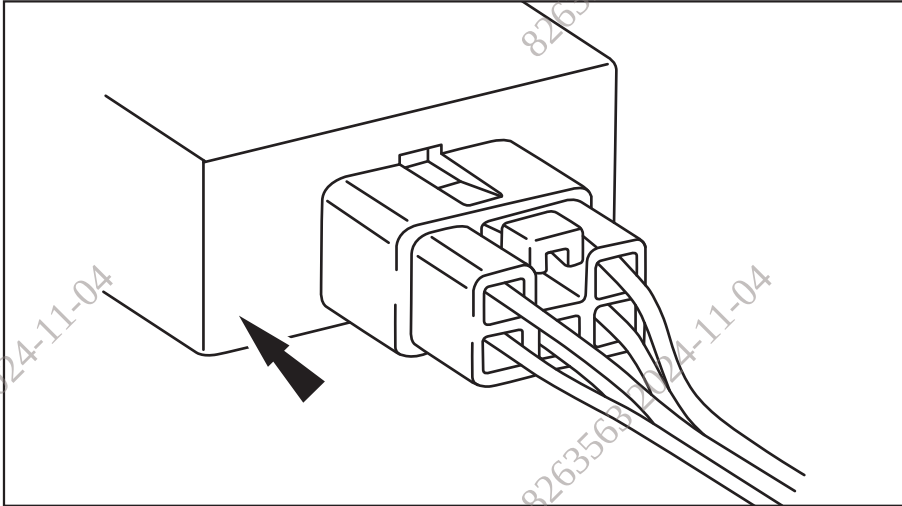
Harness Structure Illustration Example Description

The Harness Structure Illustration roughly reflects the routing of the harness and the connection of connectors, with component pin numbers labeled in the diagram.



CAUTION

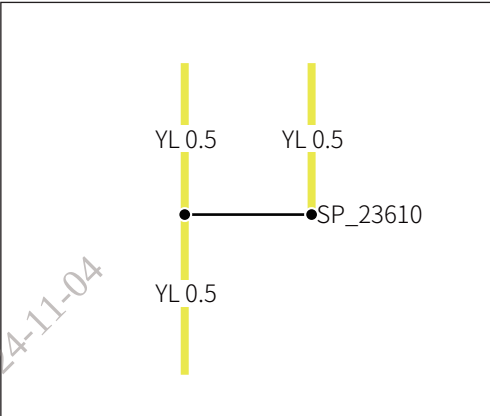
- The connector view direction is a rear view, that is, the direction from which the wires enter the connector.



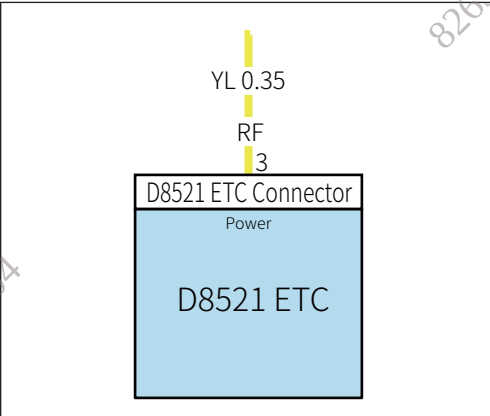
Number	English Abbreviation	Explanation
1	ABS	Anti-lock Braking System
2	AC	Air Conditioning
3	ACC	Accessory Power
4	ACM	Wireless Charging Module
5	ACU	Airbag Control Unit
6	ADAS	Advanced Driver Assistance Systems
7	ADP	Adjustable Damping Control
8	AEB	Automatic Emergency Braking
9	AIR BAG	Airbag
10	AMP	Amplifier
11	APA	Automatic Parking Assist
12	APM	Anti-pinch Window Control
13	AUTO FOLD	Automatic Folding
14	AUTOHOLD	Auto Hold Function
15	AUX IN	AUX Port
16	AVAS	Acoustic Vehicle Alerting System
17	BAT+	Battery Positive
18	BCM	Body Control Module
19	BD_H	Body Harness
20	BEV	Battery Electric Vehicle
21	BFT	Battery Fuse Terminal Box
22	BK	Black
23	BL/L	Blue
24	BLS	Brake Switch
25	BMS	Battery Management System
26	BMS	Battery Management System
27	BR	Brown
28	BSD	Blind Spot Detection
29	CAN_H	Controller Area Network Signal Line CAN_H
30	CAN_L	Controller Area Network Signal Line CAN_L
31	CBS (COMB-SW)	Combined Switch Integrated Electronic Gear Shift Con-troller
32	CCM	Central Control Module
33	CWP	Wireless Charger
34	DB	Deep Blue
35	DCDC	DC-DC Converter
36	DEF	Defogger
37	DG	Deep Green
38	DM_H	Drive Motor Harness
39	DR_H	Left Front Door Harness
40	EAC	Electric Air Conditioning Control Unit
41	EJB	Engine Junction Box
42	Electronic Toll Collection (ETC)	Electronic Toll Collection System
43	EPB	Electronic Parking Brake System
44	EPS	Electric Power Steering System
45	ESC	Electronic Stability Con-troller
46	ESCL	Electronic Steering Column Lock
47	F (Female)	Female Connector
48	FAN	Fan

Number	English Abbreviation	Explanation
49	FAPA	Full Automatic Parking Assist System
50	FB_H	Front Bumper Harness
51	FCW	Forward Collision Warning
52	FR_H	Front Harness
53	FUSE	Fuse
54	GN	Green
55	GND	Grounding Point
56	GPS	Global Positioning System
57	Grounding Point (GP)	Grounding Point
58	HAD	Highly Automated Driving
59	Hall	Hall Sensor
60	HDHS	Hidden Door Handle System
61	High Voltage Harness	High Voltage Harness
62	IBC	Integrated Brake Controller
63	IC	Instrument Cluster
64	IGN	Ignition
65	IP_H	Instrument Panel Harness
66	IPDCU	Integrated Power Domain Control Unit
67	IPJB	Passenger Compartment Fuse Box
68	LB	Light Blue
69	LG	Light Green
70	LIN	Local Interconnect Network
71	M (Male)	Male Connector
72	M-CAMERA	Intelligent Driving Monocular Camera
73	MOTOR	Motor
74	MP5	Infotainment Domain Con-troller (Integrated T-BOX)
75	OBC	On-board Charger
76	OBD	On-Board Diagnostic System
77	ON	Automatically returns to normal state after starting
78	OR	Orange
79	OSRVM	Outside Rear View Mirror
80	PD_H	Right Front Door Harness
81	PDC	Parking Distance Control
82	PEPS	Passive Entry & Passive Start
83	PHEV	Plug-in Hybrid Electric Ve-hicle
84	PK	Pink
85	PP/VT	Purple
86	RB_H	Rear Bumper Harness
87	RD	Red
88	RL_H	Left Rear Door Harness
89	RLY	Relay
90	RR_H	Right Rear Door Harness
91	SAS	Steering Angle Sensor
92	SB	Sky Blue
93	SD	SD Card
94	SHIELD	Shielded Wire
95	Shifter	Gear Shifter
96	SI_H	Sub-Instrument Panel Harness

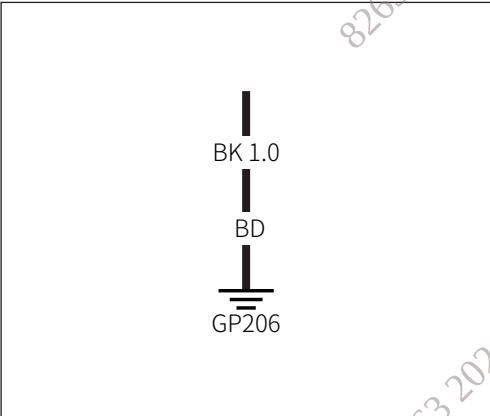
Number	English Abbreviation	Explanation
97	SIG	Signal
98	Slow Blow (fuse)	Slow Blow Fuse
99	SOV	Shut-off Valve
100	Splice Point (SP)	Splice Point
101	START	Engine Start Position
102	SW	Switch
103	T-BOX	Telematics Box
104	TD_H	Tailgate Harness
105	TN	Brownish Yellow
106	TPMS	Tire Pressure Monitoring System
107	TU	Telematics Unit
108	USB	USB Port
109	wakeup	Wake-up Signal
110	WH	White
111	Windlink	Vehicle Mobile Networking System
112	YL	Yellow



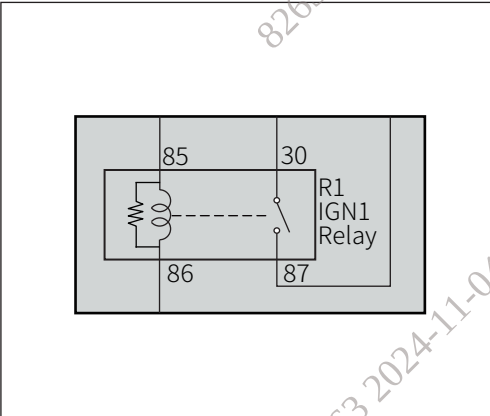
Non-detachable Wire (at cross point): SP_23610 is the name of the splice point, SP is the abbreviation for Splice Point, and 23610 is the number of the splice point.



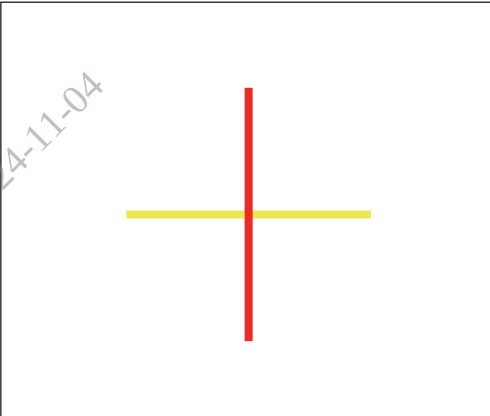
Electrical Connector Connection:
Inside the frame, D8521 is the connector number, ETC is the connector name, and the number 3 on the left is the connector pin count.



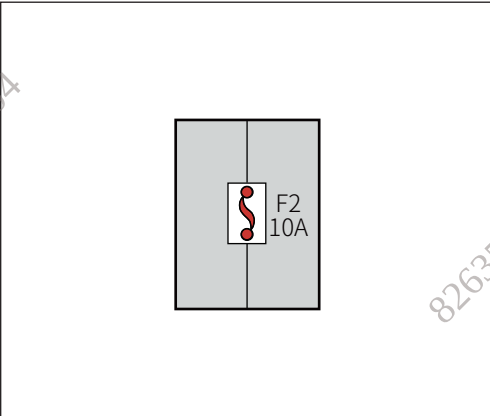
Grounding Point:
Connected to the vehicle's metal body, it provides a current return path for the circuit.



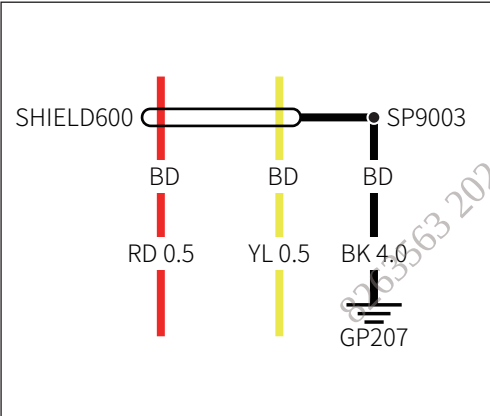
Relay:
Generally refers to an electronically controlled switch, where current flowing through a coil generates a magnetic field that can open or close an attached switch.



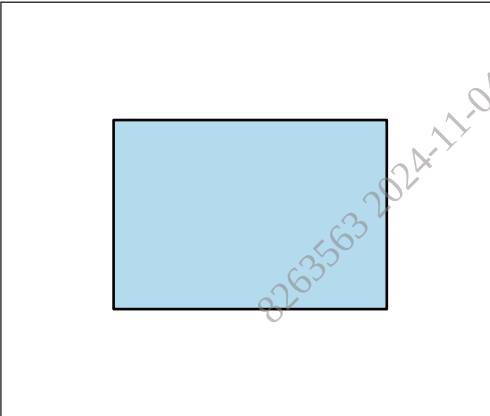
Crossover Wire (without connection at cross point):
Not necessary, wires are not allowed to cross.



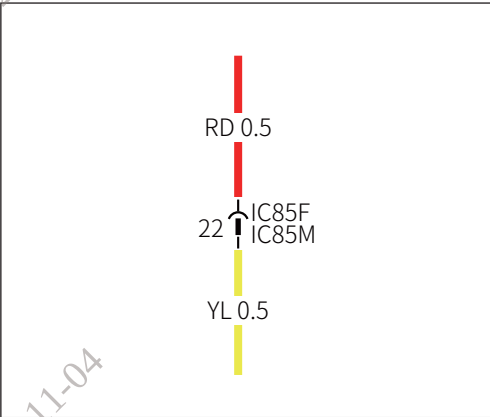
Fuse:
Allows rated current to pass through, and when the current is too high, the fuse will melt to prevent current flow and avoid circuit damage. Inside the diagram, F2 is the fuse number, allowing a maximum current of 10A.



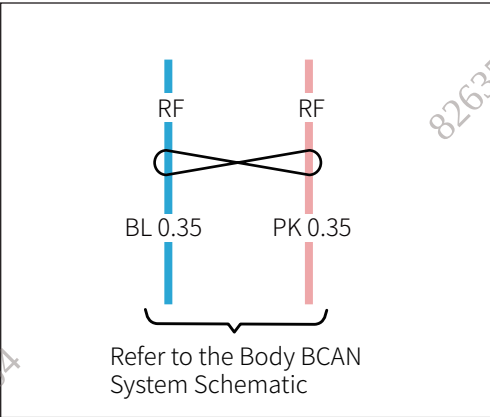
Shielded Wire:
A measure to prevent electromagnetic interference from other devices.



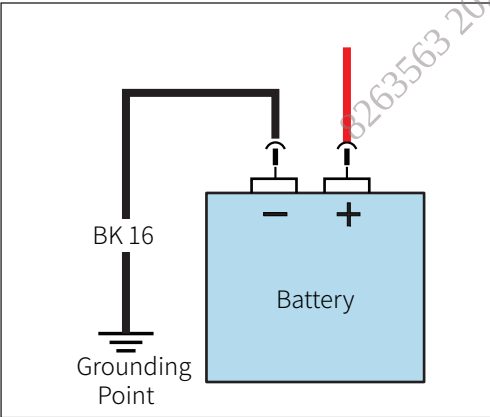
A complete rectangular frame indicates that all pin contents of the connector are displayed.



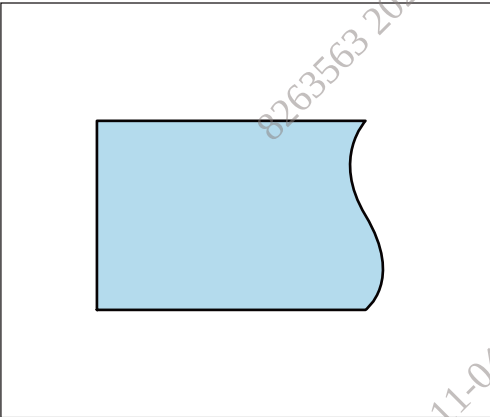
Wire Harness Connector Connection:
Inside the frame, IC85F and IC85M are the wire harness connector numbers, and the number 22 on the left is the connection pin count.



Twisted Pair:
Two insulated copper wires twisted together at a certain density, where the radio waves emitted by one wire during transmission are canceled out by the waves emitted by the other wire, reducing interference.



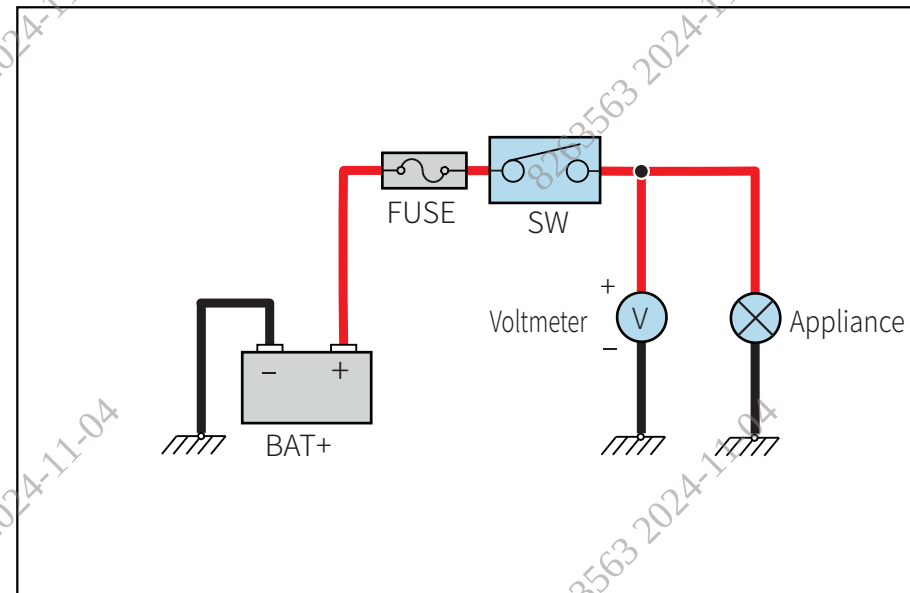
Battery:
Stores chemical energy and converts it into electrical energy to provide direct current for various vehicle components.



A wavy rectangular frame indicates that not all pin contents of the connector are displayed, only part of the pin contents are shown.

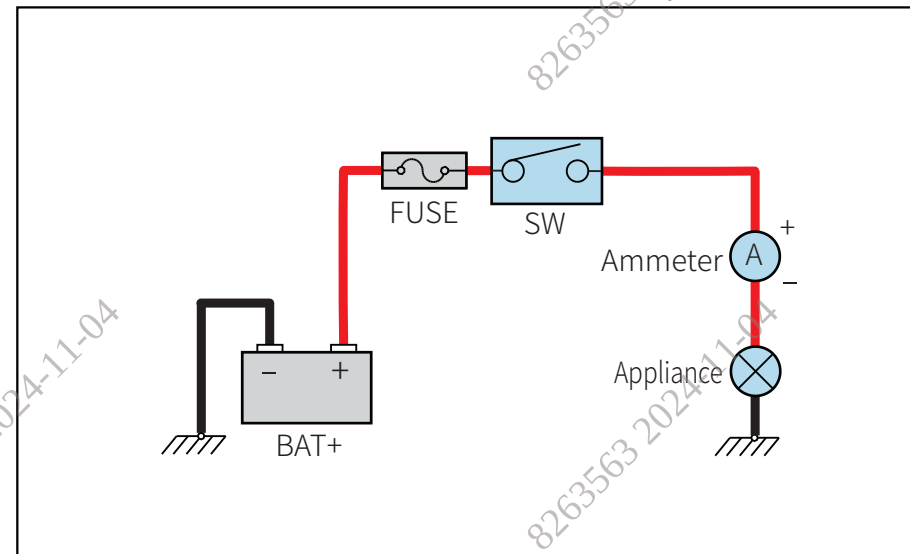
Voltage Measurement

1. Connect the red multimeter probe to the voltage/ohm measurement jack and the black probe to the circuit jack.
2. Set the multimeter's function switch to the DC voltage range.
3. Connect the test probes (the polarity of the test probes can be interchanged).
4. Read the voltage value on the multimeter display.



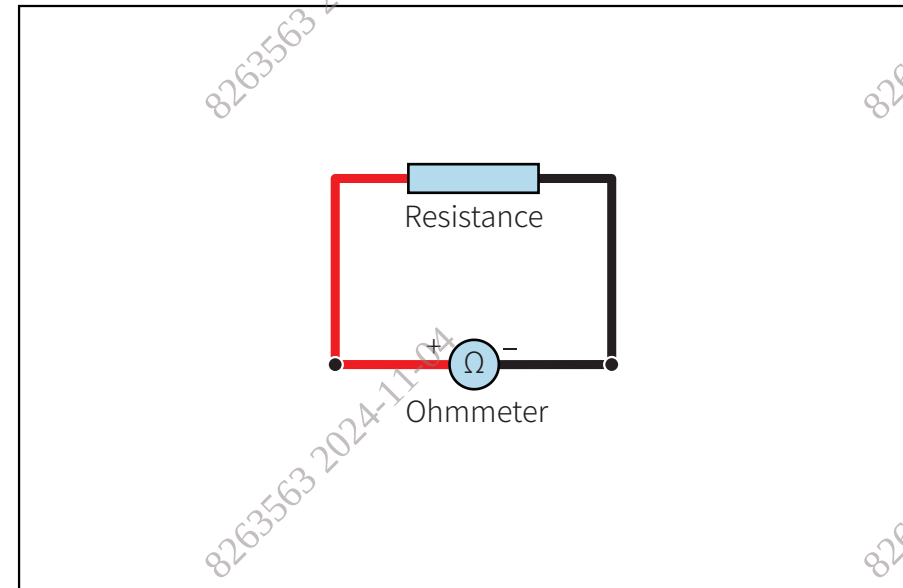
Current Measurement

1. Connect the red multimeter probe to the current measurement jack and the black probe to the circuit jack.
2. Set the multimeter's function switch to the DC measurement range.
3. Connect the multimeter in series in the circuit to be measured (the red positive probe is connected to the high side of the circuit, and the black negative probe is connected to the low potential side).
4. Read the current value on the multimeter display.



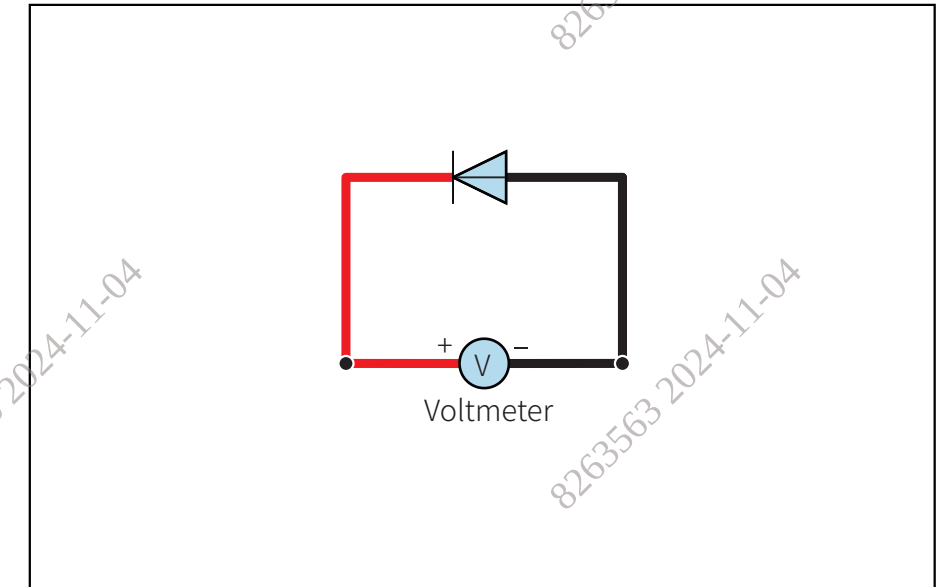
Resistance Measurement

1. Connect the red multimeter probe to the current/ohm measurement jack and the black probe to the circuit jack.
2. Set the multimeter's function switch to the ohm range.
3. Connect the multimeter's test probes to the resistor or coil to be tested, and measure its resistance (ensure the resistor or coil is de-energized during measurement).



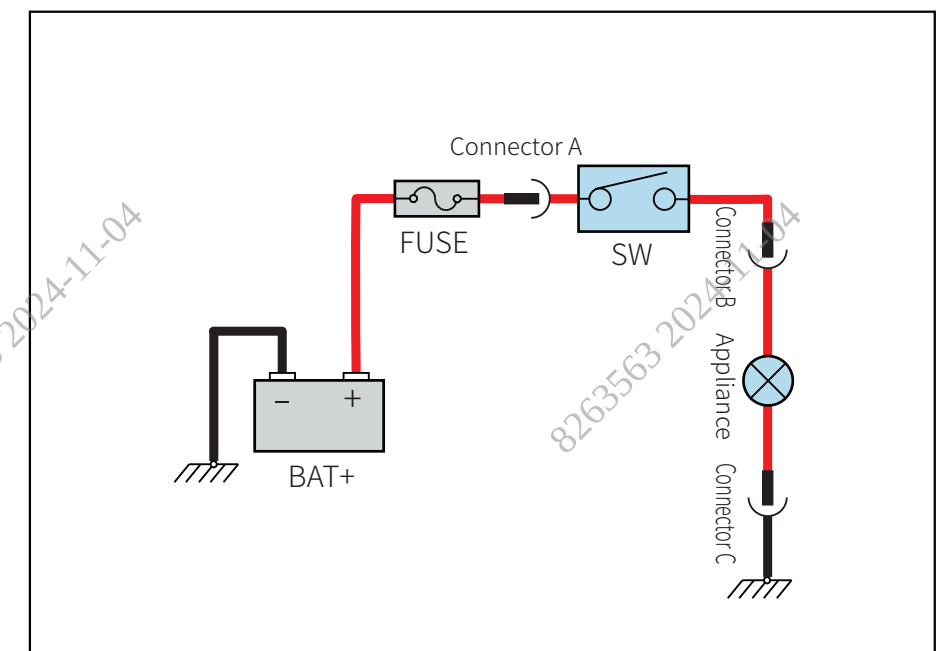
Diode Measurement

1. Connect the red multimeter probe to the current measurement jack and the black probe to the circuit jack.
2. Set the multimeter's function switch to the diode measurement range.
3. Check the pass-through status on both sides of the diode. If the diode conducts in one direction and is disconnected after exchanging the test probes, this indicates the diode is good.
4. If the diode conducts in both directions, it has been punctured. If it does not conduct in either direction, the diode is open.



Example

1. Set the multimeter's function switch to the continuity test range.
2. Connect the black multimeter probe to the ground point.
3. Measure the voltage at each connection point in the circuit with the red multimeter probe.
4. Determine the fault point based on whether the multimeter displays voltage.



⚠ CAUTION

- Auxiliary restraint system terminals must not be removed or repaired. If auxiliary restraint system terminals require repair, replace the corresponding wiring harness.

Wiring Harness Fault Symptoms

Below are common cases of intermittent electrical faults caused by problems with wiring harnesses, branch connectors, and plugs. The problem is hidden and can only be found by actual measurement as shown in the diagram.

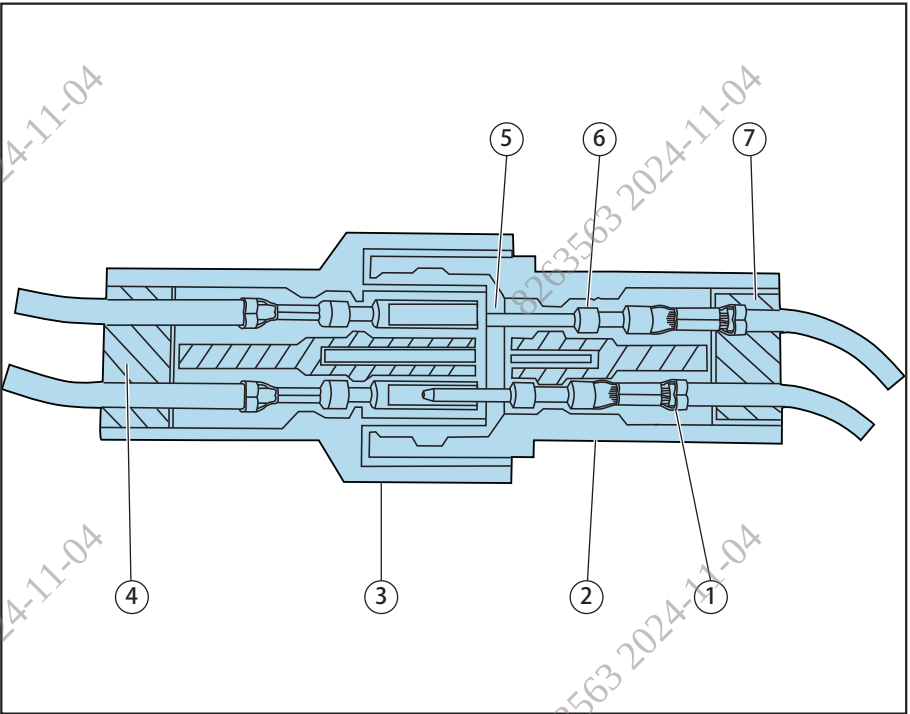
⚠ CAUTION

- Some component connectors have gold-plated terminals. If these terminals need to be replaced, they must be replaced with gold-plated terminals.

Terminal Not in Place

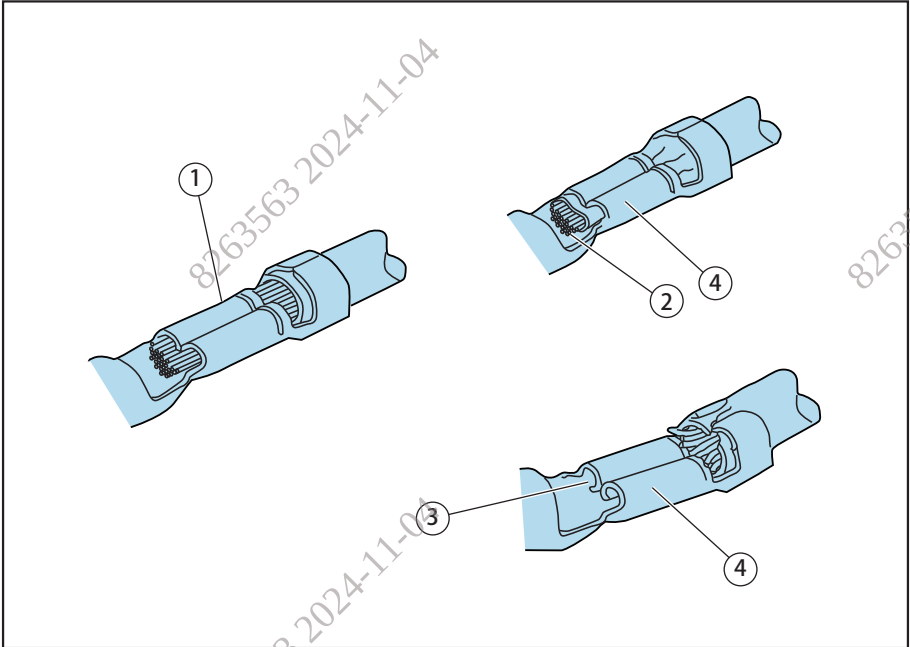
- 1=Locking terminal
- 2=Male connector
- 3=Female connector
- 4=Seal
- 5=Intermittent contact
- 6=Unlocked terminal (covered by a seal cap)
- 7=Seal

Pull each wire at the connector end to check for unlocked terminals.



Insulation Stripping Not Bright

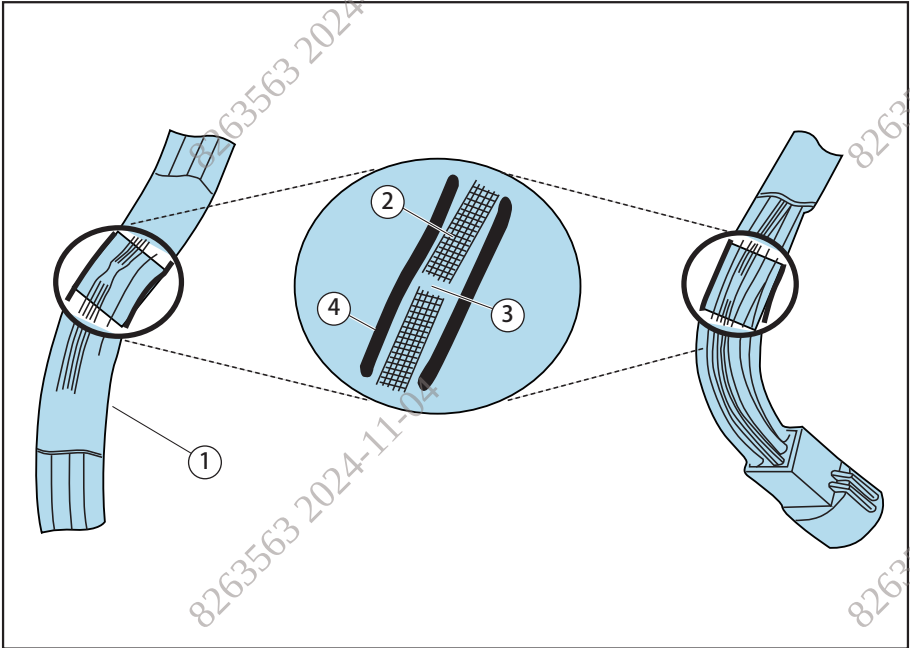
- 1=Proper crimping
- 2=Insulation not completely removed
- 3=Strand shortage
- 4=Intermittent signal transmission through pierced insulation



Wire Break Within Wiring Harness

- 1=Wiring harness tape
- 2=Strand
- 3=Intermittent signal caused by broken strand
- 4=Wire insulation

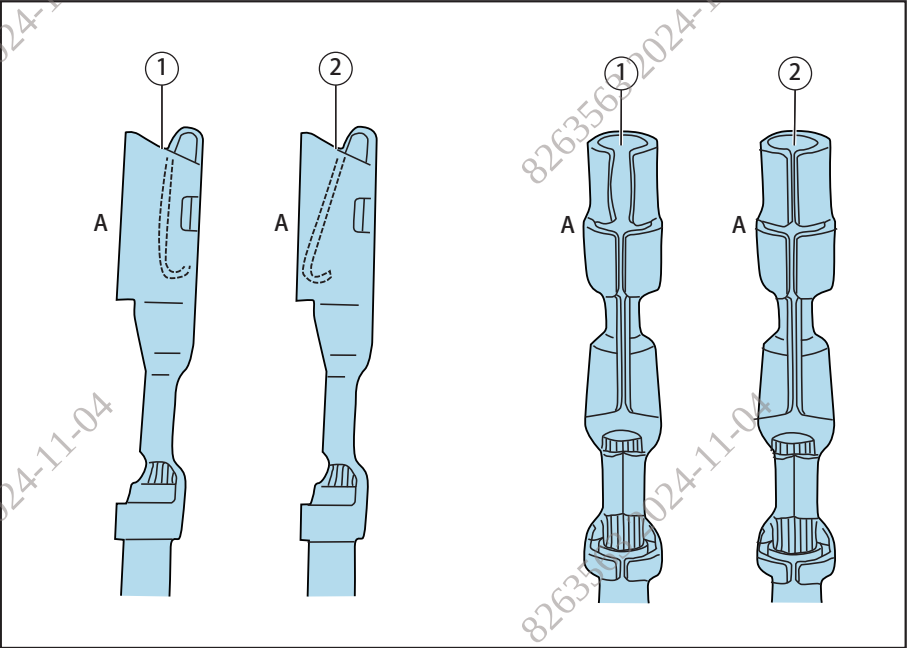
Unwrap the tape and bend each wire to see if the diameter becomes smaller at the break.



Female Connector Deformation (Expansion)

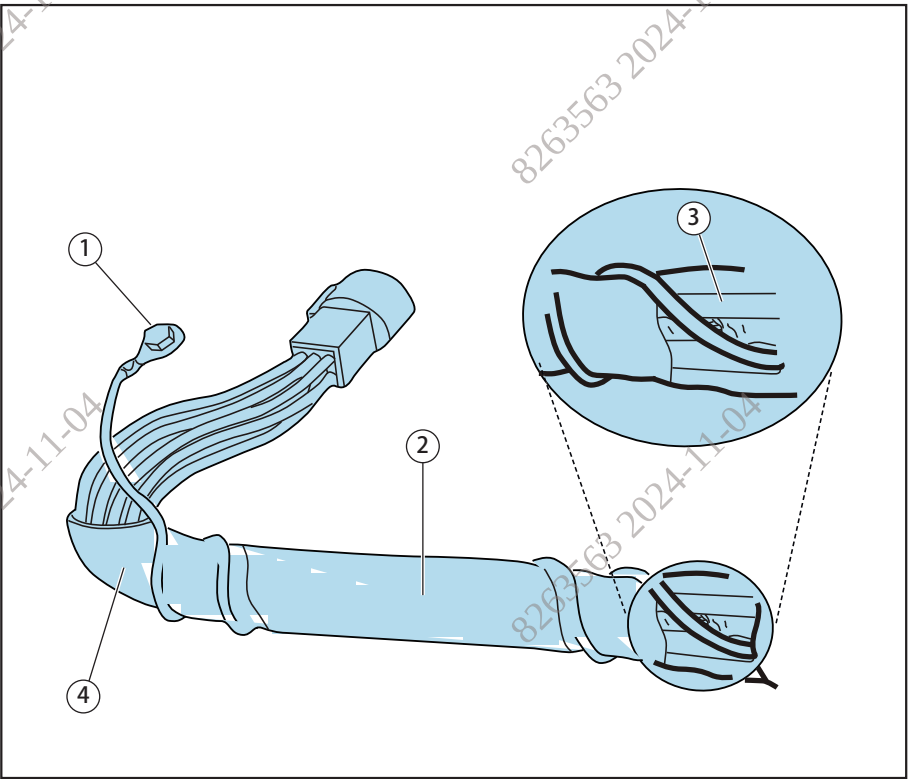
- 1=Expansion
- 2=Normal

Inserting any test probe into the terminal may cause the contact spring to expand, resulting in intermittent information. Insert the correct matching terminal from the repair kit into position A to check if the fit is loose.



Electrical Short Circuit Within Wiring Harness

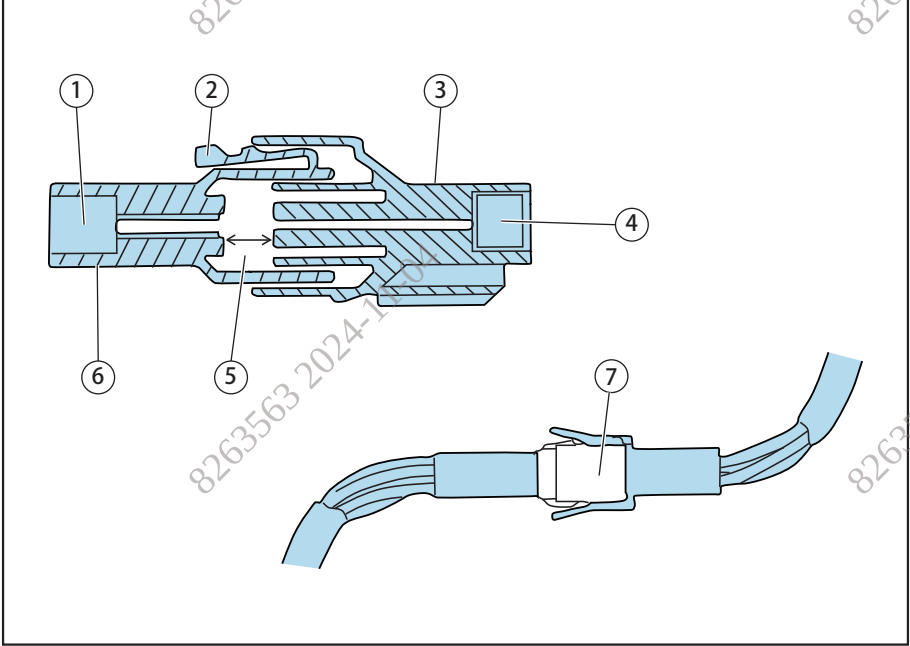
- 1=Soldering iron grounding wire
 - 2=Wiring harness tape
 - 3=Intermittent short circuit
- Solder wire piercing another wire's insulation causing an intermittent short circuit.
- 4=Grounding point foil



Plug Not Properly Connected

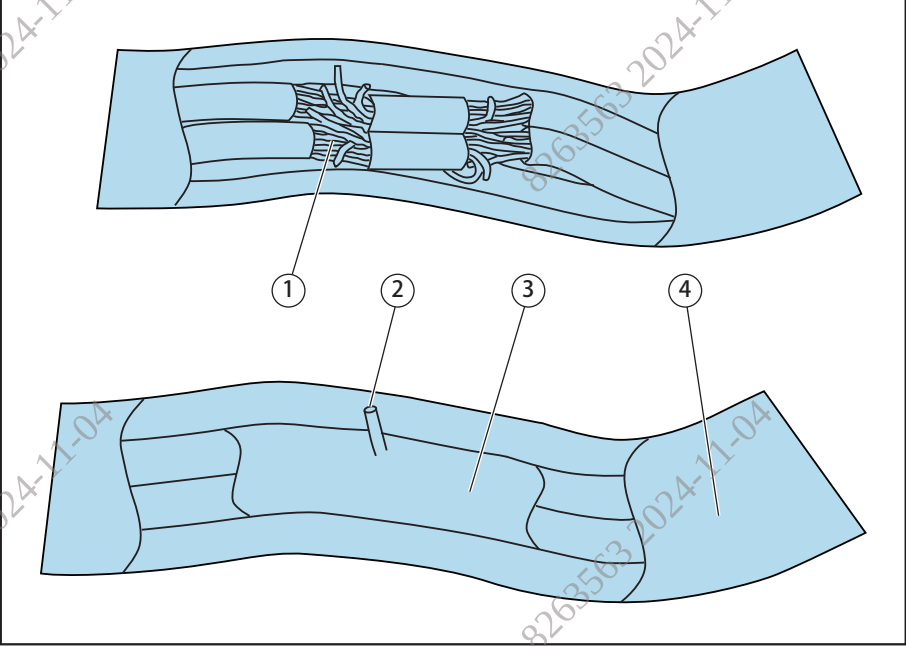
- 1=Seal
- 2=Locking tab not in place
- 3=Female connector
- 4=Seal
- 5=Intermittent contact
- 6=Male connector
- 7=Intermittent contact

The lock may not be in the locking position, pull the plug to see if it locks.



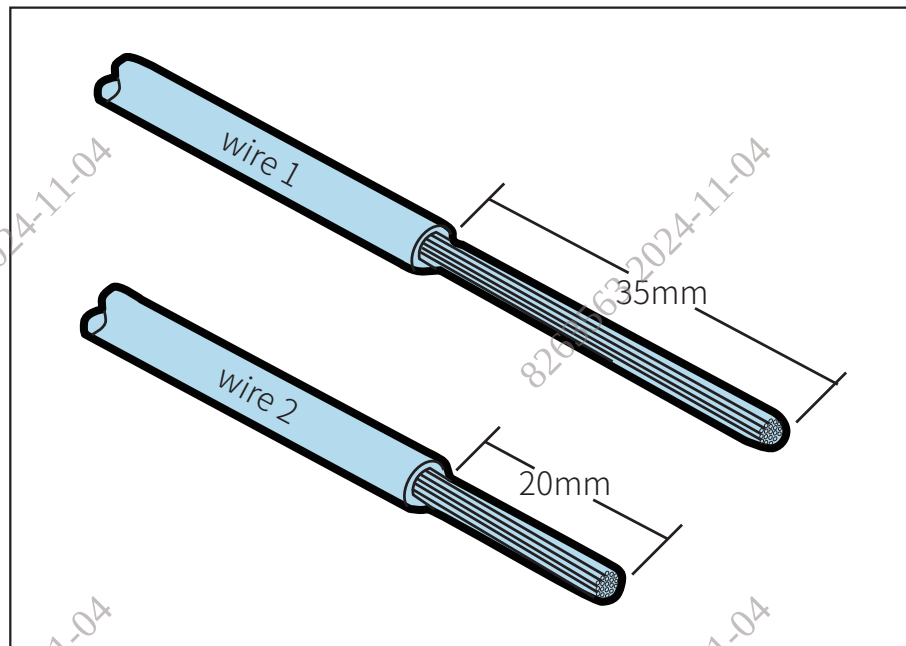
Short Circuit Within Wiring Harness

- Unwrap the tape around the branch connector
- 1=Intermittent short circuit
- The branch connector is wrapped
- 2=Strand
 - 3=Branch connector tape
 - 4=Wiring harness tape

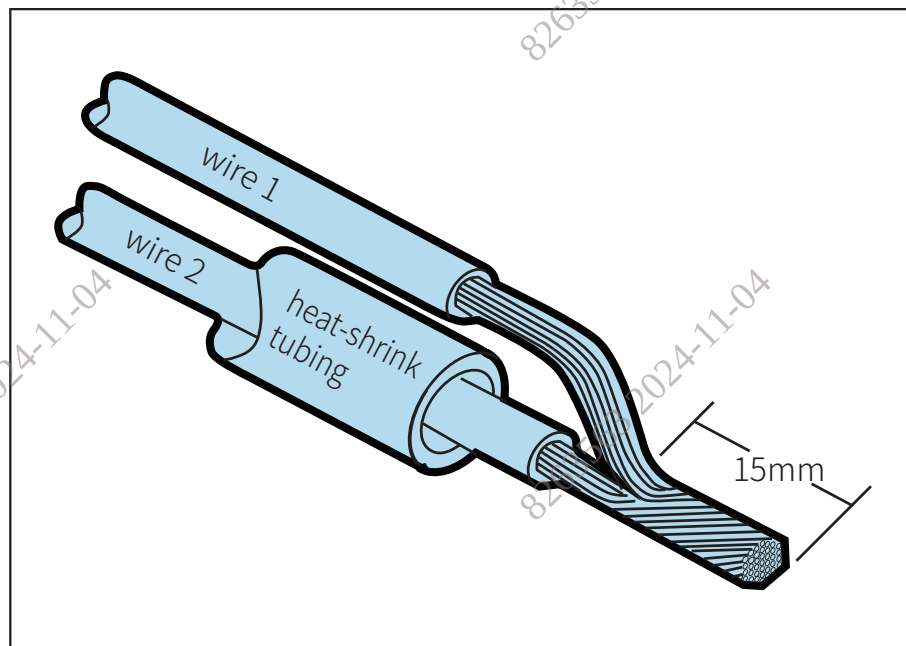


Repair Method - Soldering

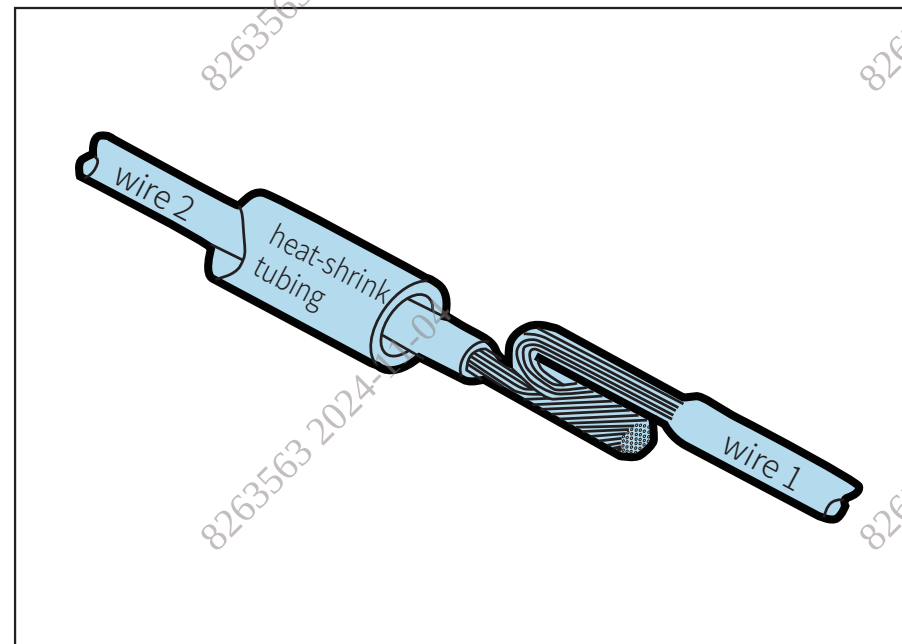
Use this repair method for wiring harnesses with a diameter of 1.2mm and smaller.



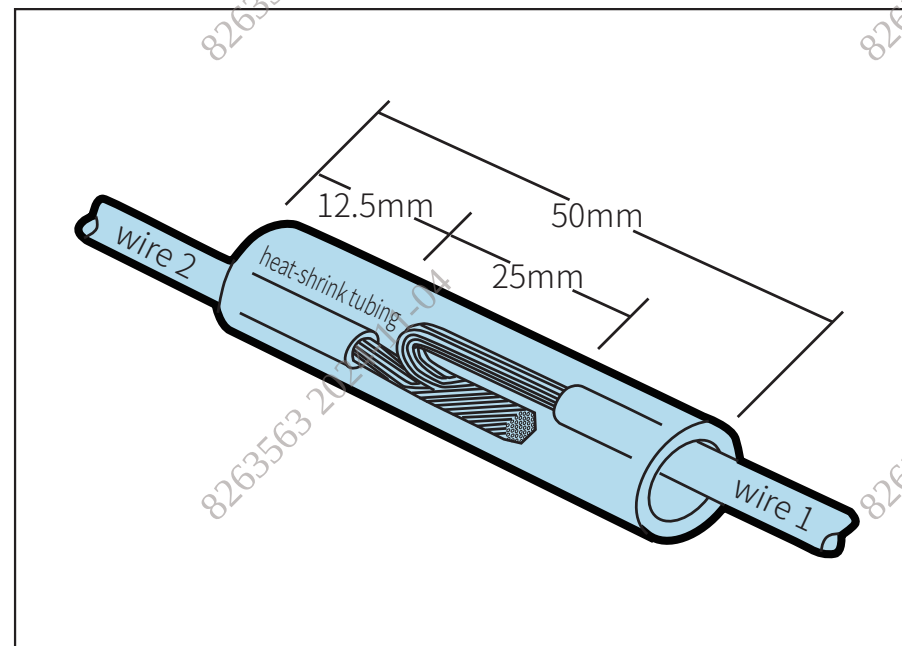
1. Disconnect the negative battery cable.
2. Strip the wire to the appropriate length.



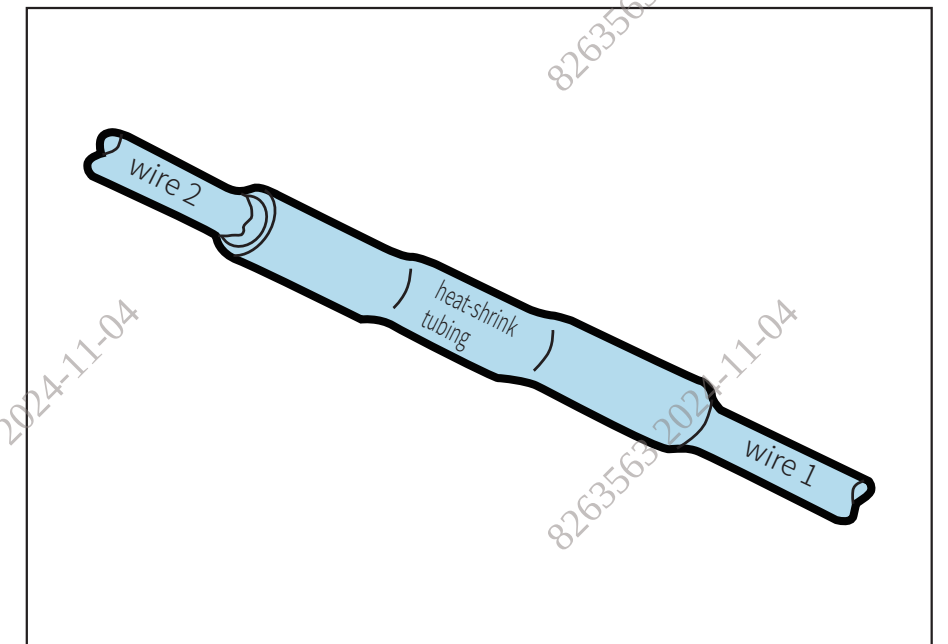
3. Slide on the heat-shrink tubing.
4. Twist the wire ends together.
5. Solder the wire connection.



6. Straighten the wire.
- Note: Wait for the solder to cool before moving the wire.
7. Evenly position the heat-shrink tubing over the repair area of the wire.
- Note: Make sure to cover both wires.



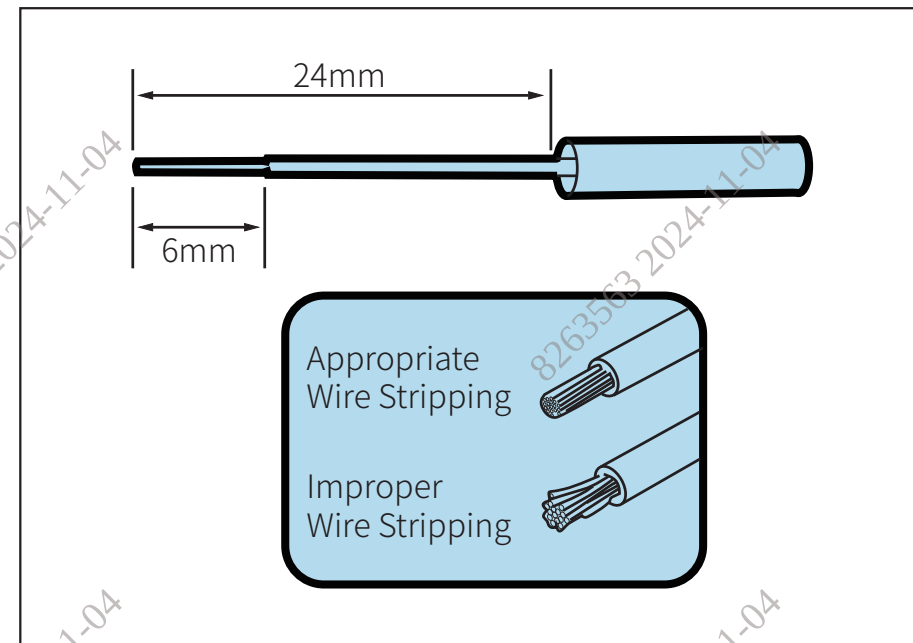
8. Heat the repair area with a heat gun until adhesive flows out from both ends of the heat-shrink tubing.



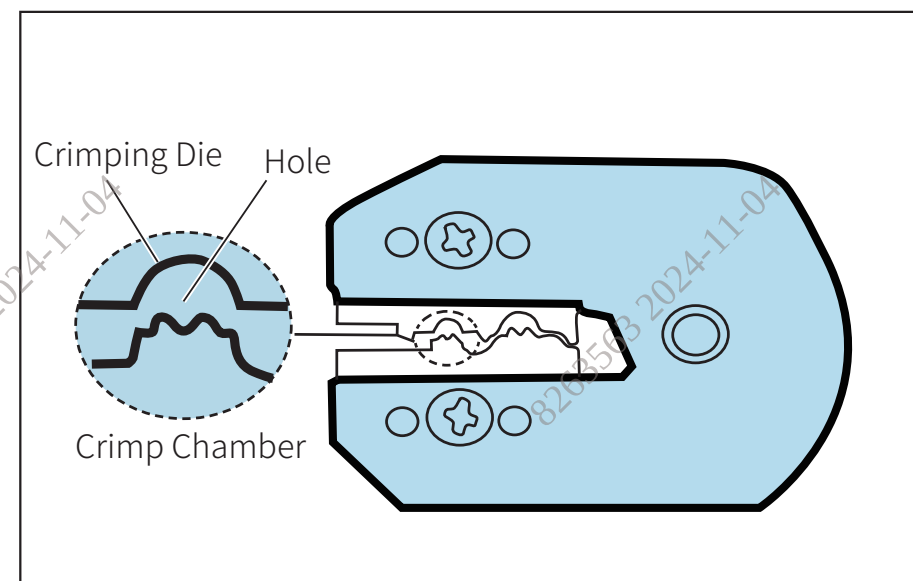
9. Reconnect the negative battery cable out from both ends of the heat-shrink tubing.

Repair Method - Crimping

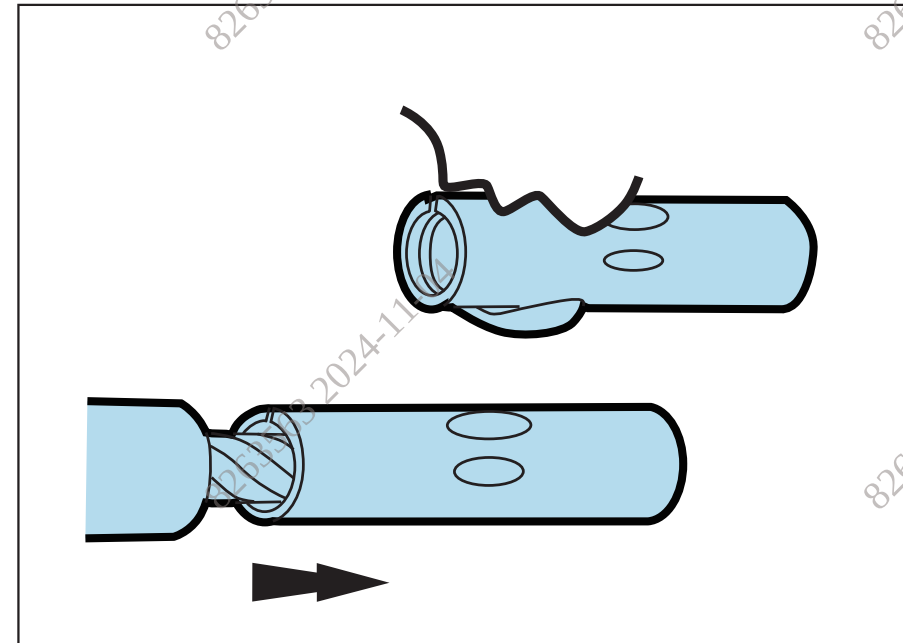
Use this repair method for wiring harnesses with a diameter larger than 1.2mm.



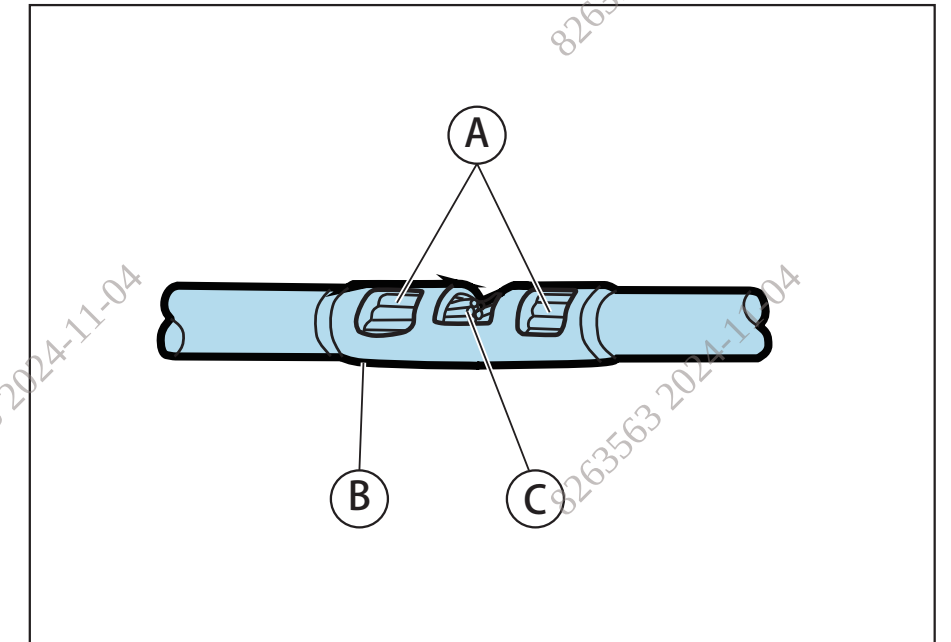
1. Disconnect the negative battery cable.
2. Strip 6mm (1/4 inch) of insulation from both ends of the wire, being careful not to cut or break the strands.
3. Slide on the heat-shrink tubing.



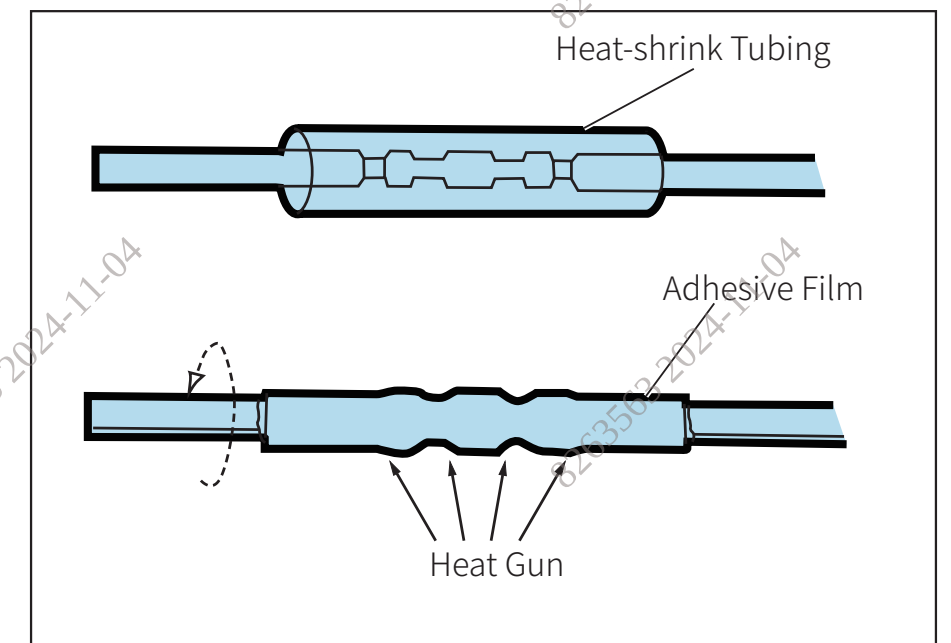
4. Select the appropriate wire to connect.
5. Place the wire end in the crimping tool's marked size crimping plate to compare sizes, thereby determining the appropriate crimp cavity on the crimping tool.



6. Place the terminal end in the middle of the appropriate crimp cavity.
7. If visible, ensure the copper solder seam is facing the crimp head.
8. Insert the stripped wire into the barrel.
9. Position the wire and adjust the ratchet of the barrel crimping tool to the appropriate tightness.
10. Repeat the steps to crimp the other half of the terminal.

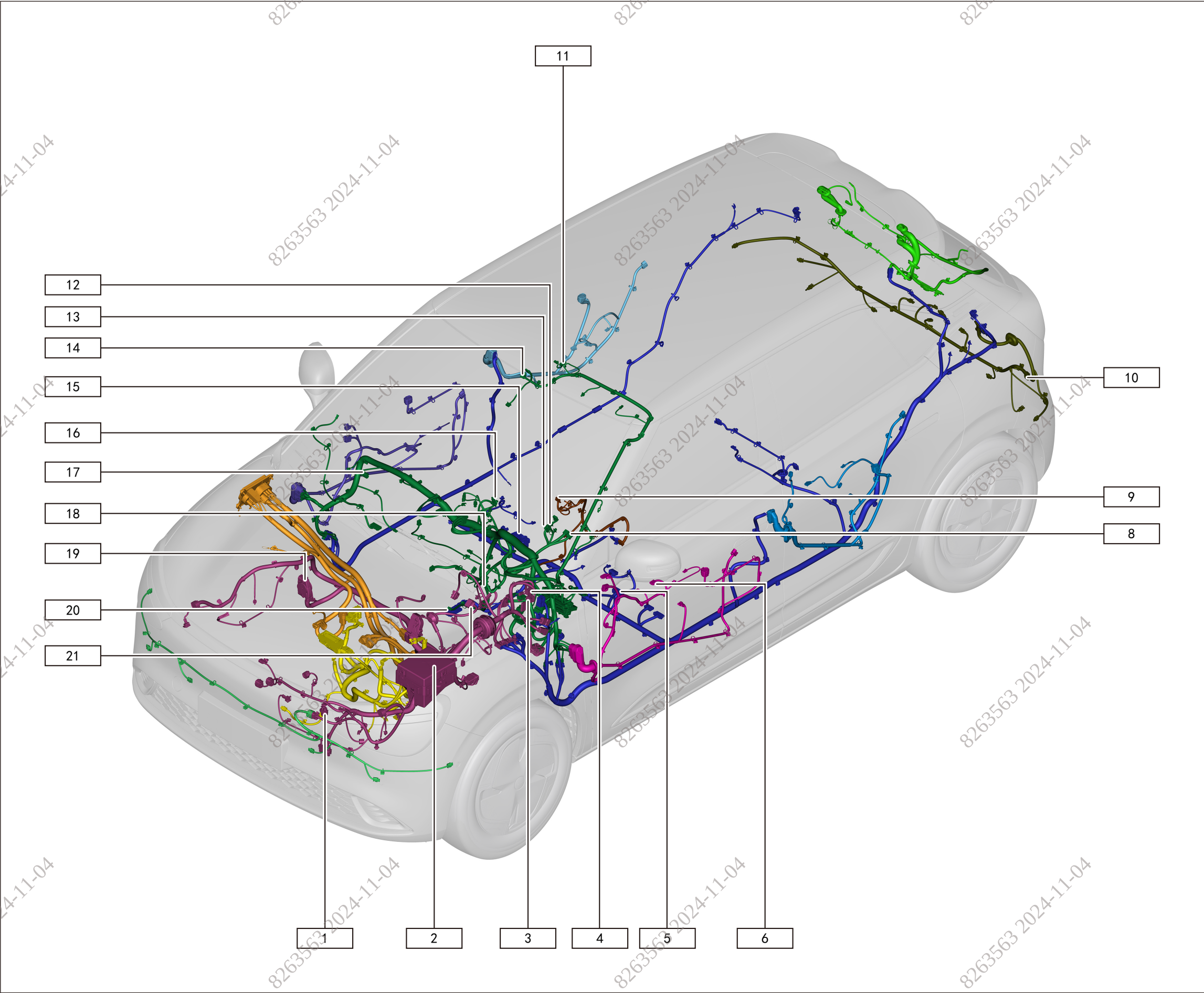


11. Check for proper crimping.
 - a. The crimped end must be placed in the middle of each crimping plate.
 - b. The wire insulation should not enter the crimping plate.
 - c. The wire should be visible through the inspection hole.



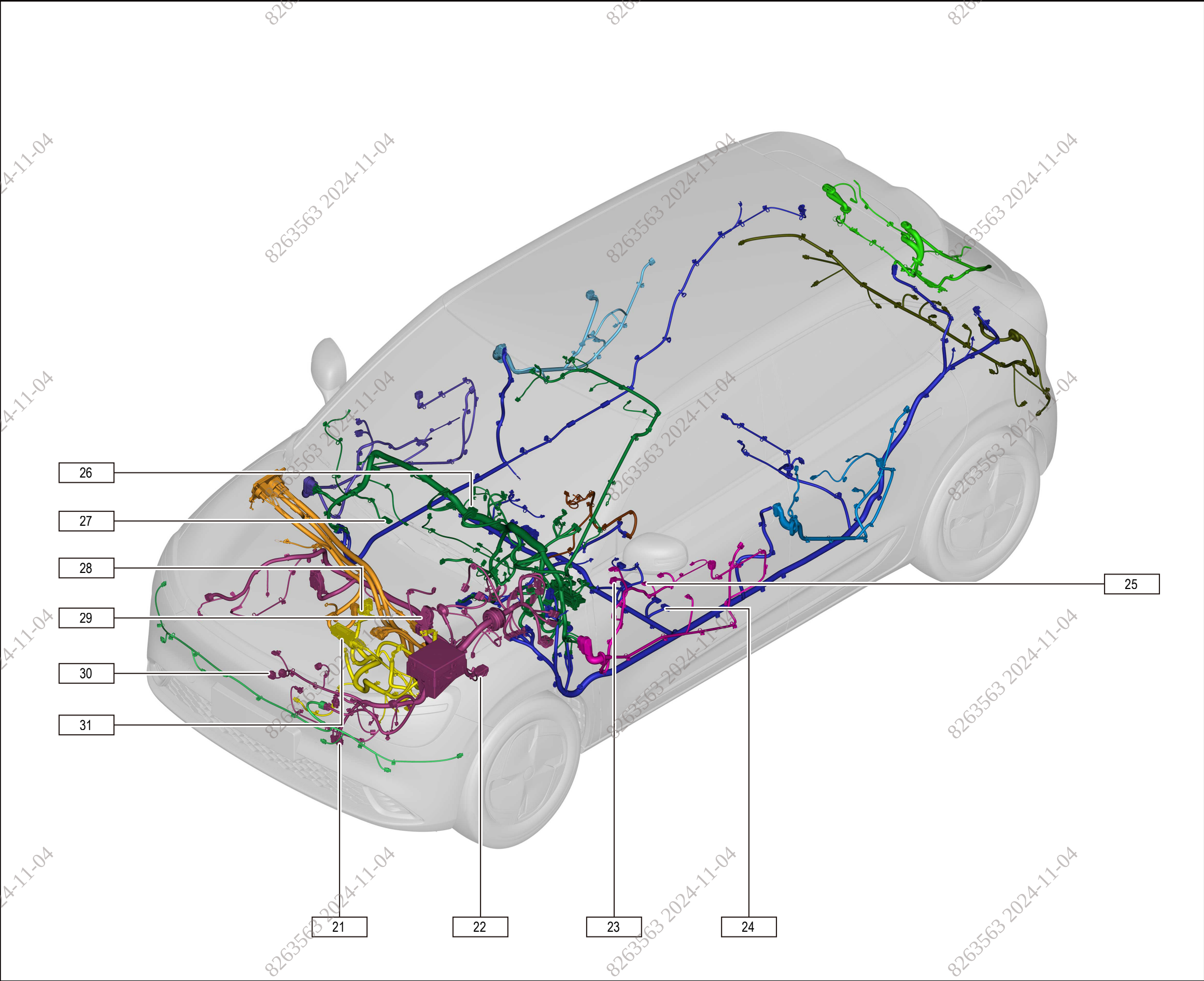
12. Evenly position the heat-shrink tubing over the repair area of the wire.
13. Heat the repair area with a heat gun until adhesive flows out from both ends of the heat-shrink tubing.
14. Reconnect the negative battery cable.

Layout Diagram



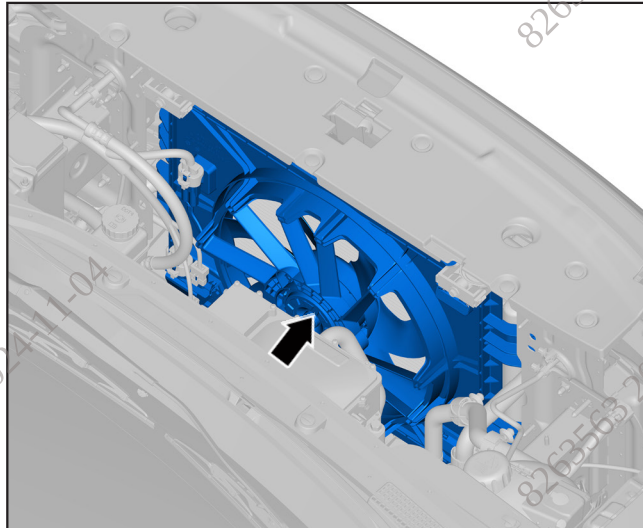
No.	Name	Note
1	Cooling Fan	-
2	EJB	-
3	BCM	E1、E1+、E2
4	CCM	E3
5	HDHS Controller	-
6	Left Front Window Switch	-
8	Main Air Bag	-
9	CWP	-
10	PDC	-
11	Front Dome Light	-
12	Light And Wiper CS	-
13	Gear Shift Switch	-
14	ADAS-Camera	-
15	HAD	-
16	MP5	-
17	Passenger-Air Bag	-
18	Power Outlet	-
19	ESC	E1、E1+、E2
20	ACU	-
21	Front Wiper Motor	-

Layout Diagram

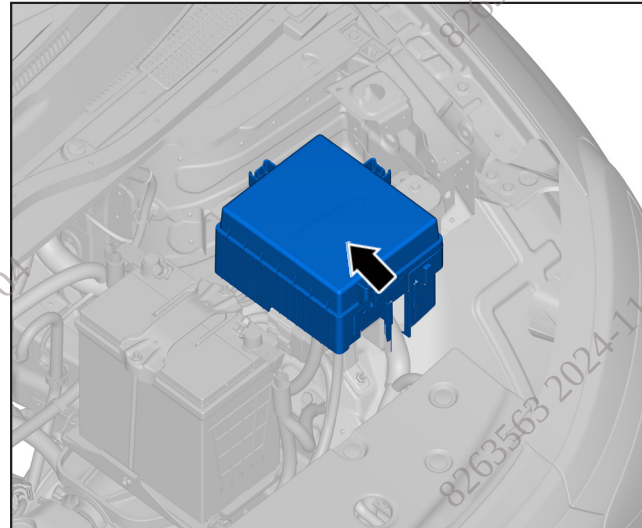


No.	Name	Note
22	Cooling Fan ECB	-
23	BMS	-
24	Left Rearview Mirror	-
25	APM	-
26	Adjustable_Mirrors Switch	-
27	MP5 Audio System	-
28	TU	-
29	OBC	-
30	IBC	E3
31	Vehicle Alert Sound Controller-	
32	Motor and Controller Assembly	-

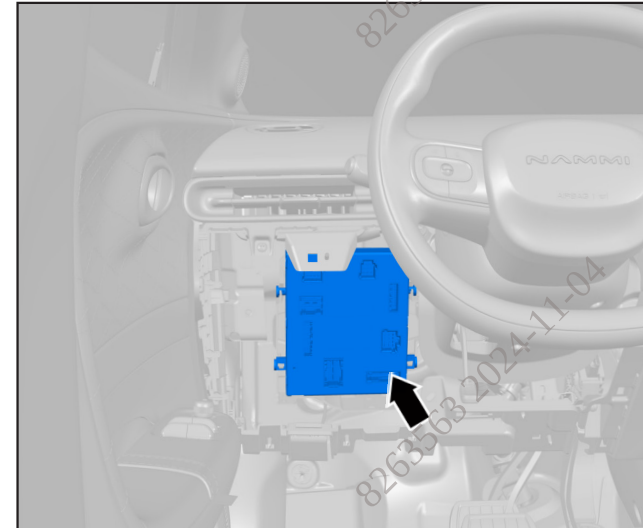
Position Diagrams



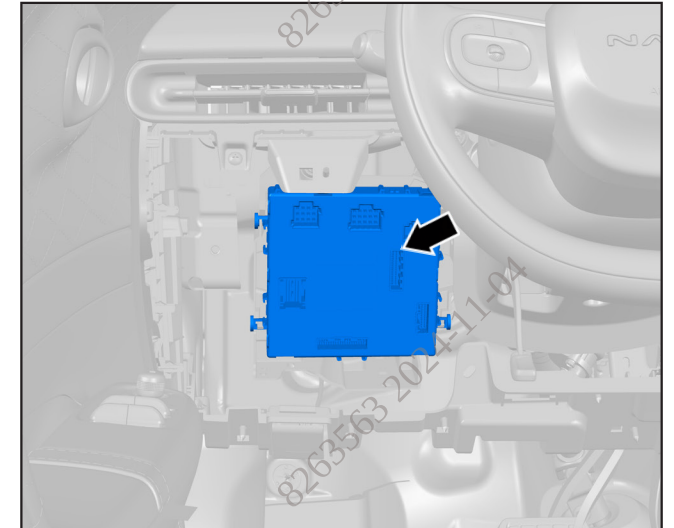
Cooling Fan Assembly: Mounted on the front longitudinal beam, indicated by an arrow.



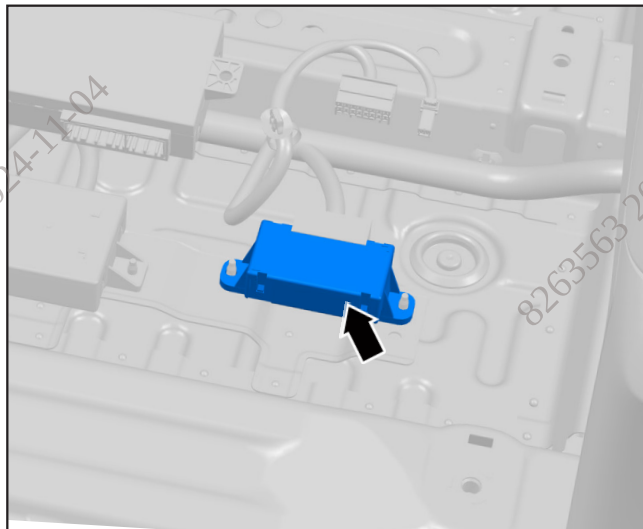
Engine Compartment Fuse Box EJB: Mounted on the left front wheel shroud, indicated by an arrow.



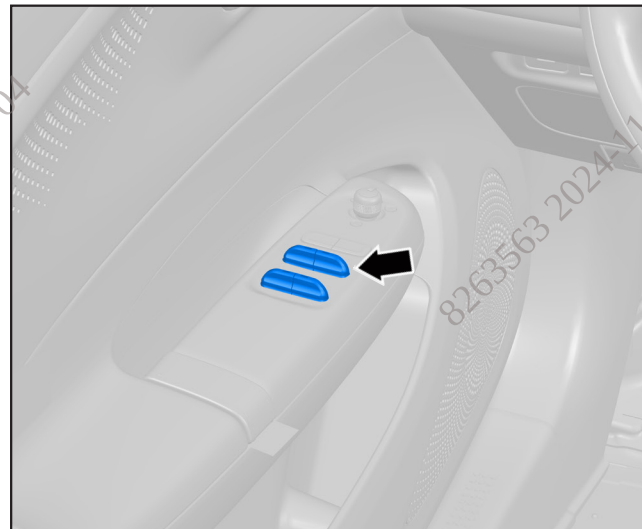
Body Control Module BCM: Mounted on the left side inside the dashboard assembly, indicated by an arrow.



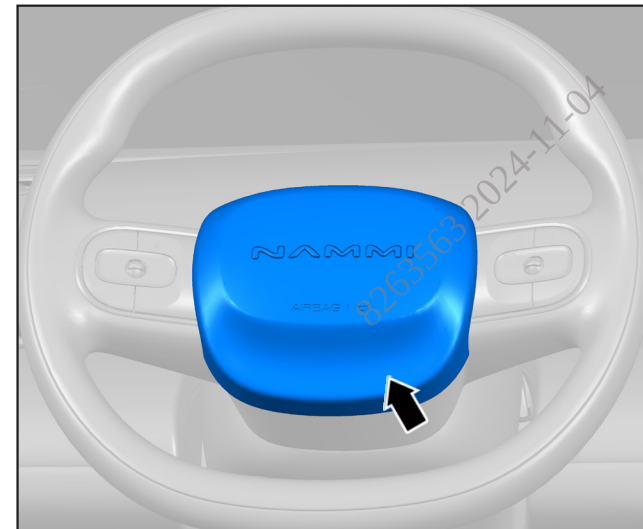
Central Control Module CCM: Mounted on the left side inside the dashboard assembly, indicated by an arrow.



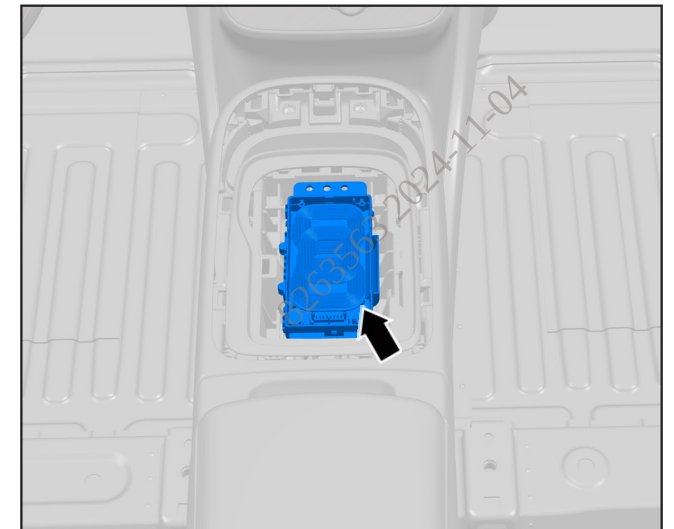
Retractable Door Handle Controller: Mounted on the left side of the sub-instrument panel assembly body, indicated by an arrow.



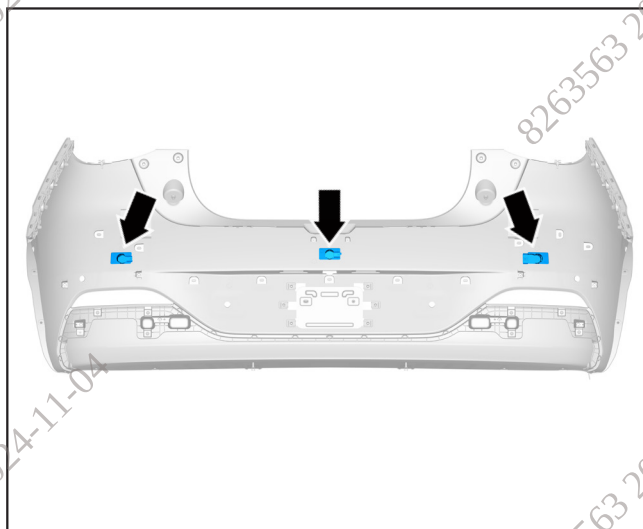
Left Front Window Switch: Mounted on the left front door panel, indicated by an arrow.



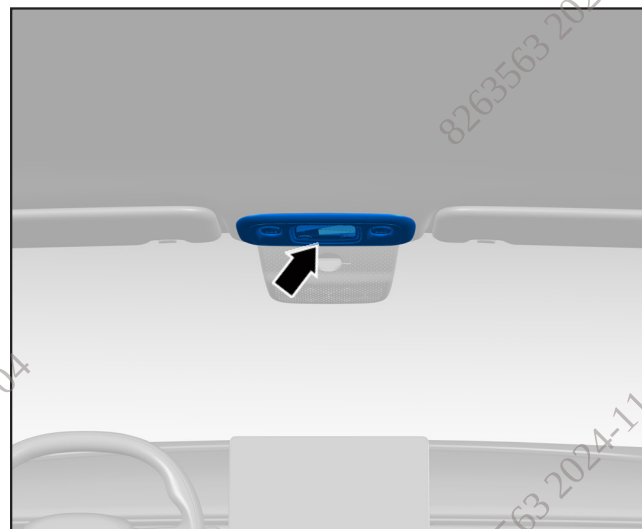
Driver's Airbag: Mounted on the steering wheel, indicated by an arrow.



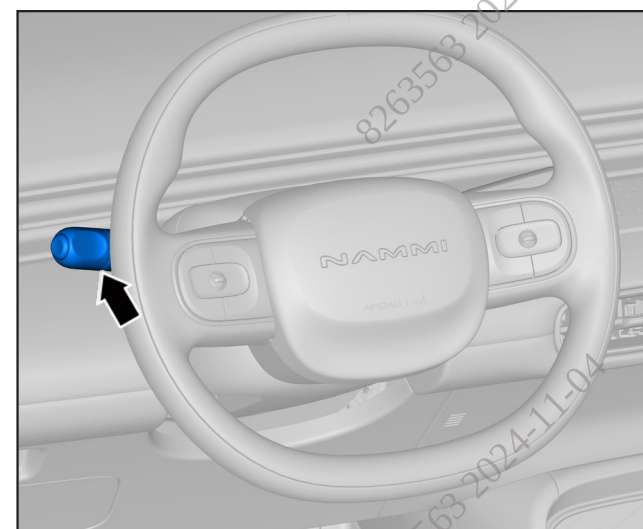
Wireless Charging Controller: Mounted at the front of the sub-dashboard assembly, indicated by an arrow.



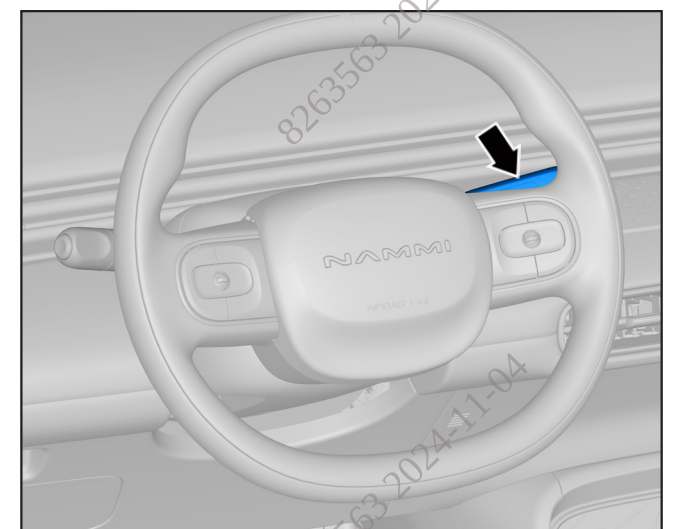
Parking Distance Control Sensor PDC: Mounted on the rear bumper, indicated by an arrow.



Front Dome Light: Mounted in the middle of the front roof cross member, indicated by an arrow.

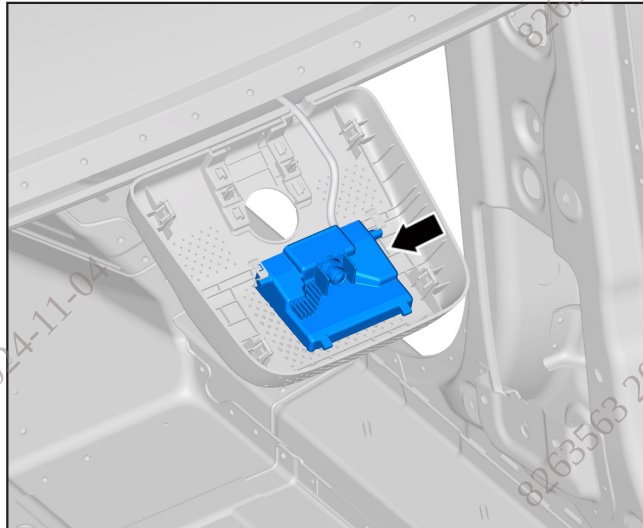


Light and Wiper Combination Switch: Mounted on the steering column, indicated by an arrow.

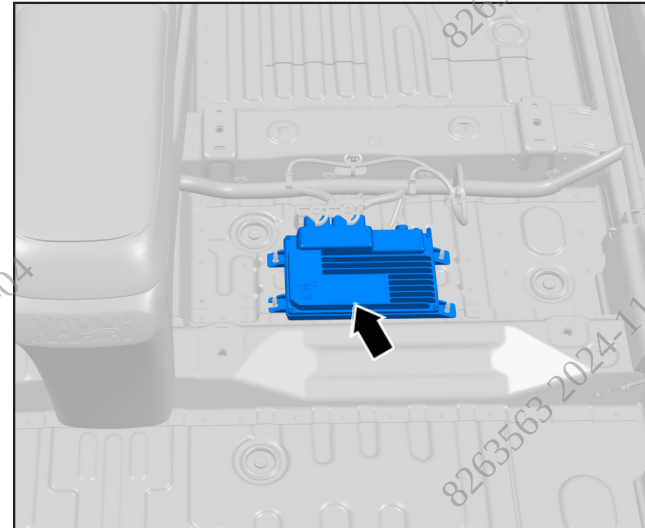


Gear Shift Switch: Mounted on the steering column, indicated by an arrow.

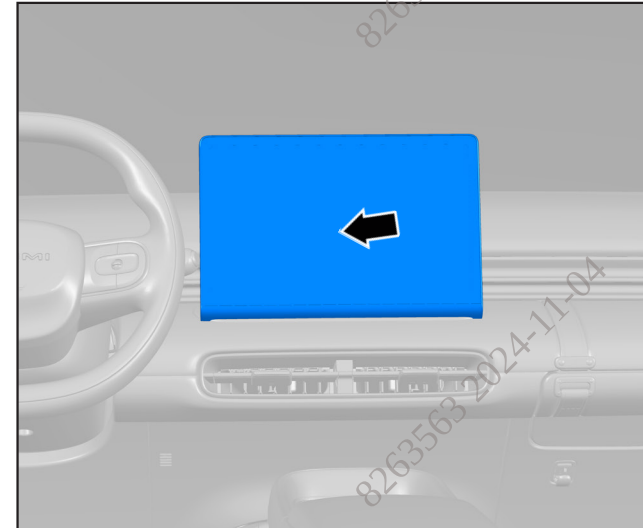
Position Diagrams



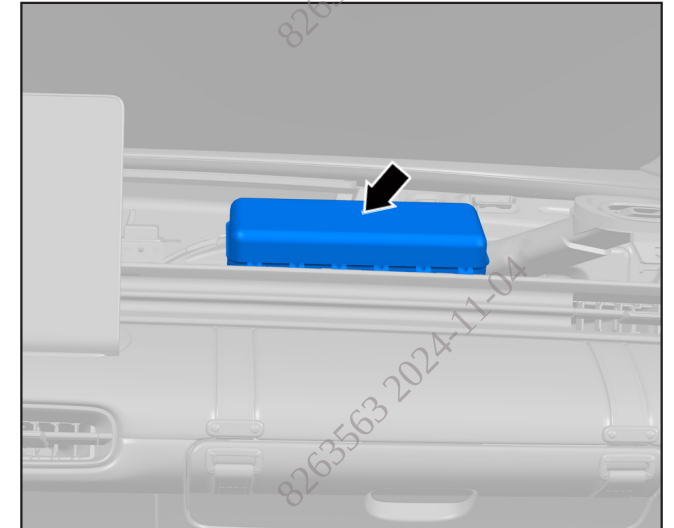
ADAS Camera: Mounted above the front windshield, indicated by an arrow.



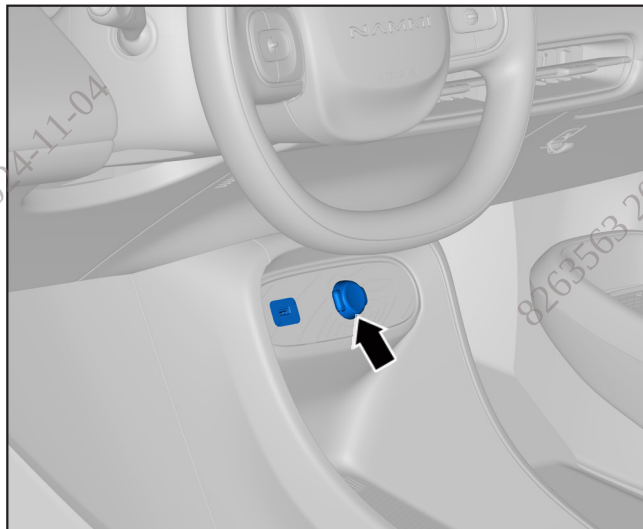
Highly Automated Driving: Mounted on the right side of the sub-instrument panel assembly body, indicated by an arrow.



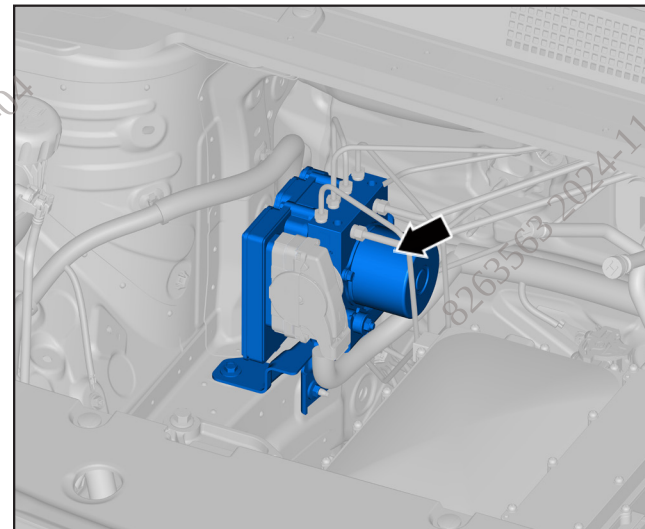
Audio and Entertainment Display: Mounted in the middle of the dashboard, indicated by an arrow.



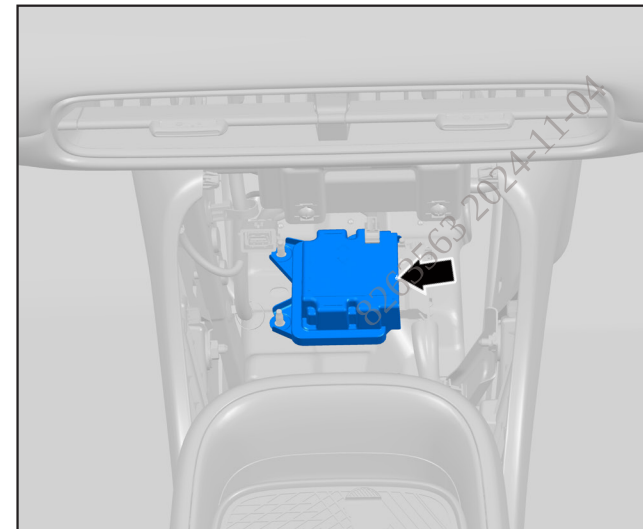
Passenger Airbag: Mounted inside the left side of the dashboard assembly, indicated by an arrow.



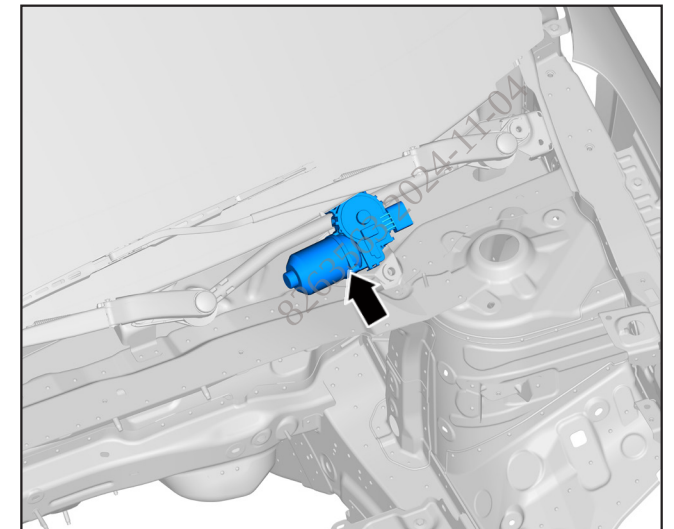
Power Outlet: Mounted under the sub-dashboard assembly, indicated by an arrow.



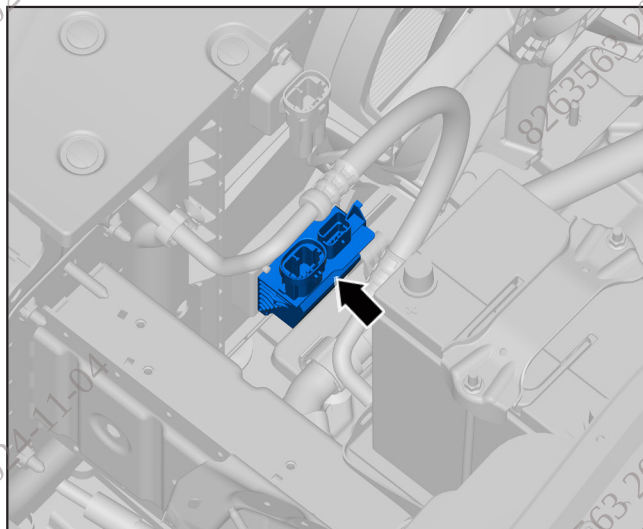
Electronic Stability Controller ESC : Mounted near the right front wheel shroud, indicated by an arrow.



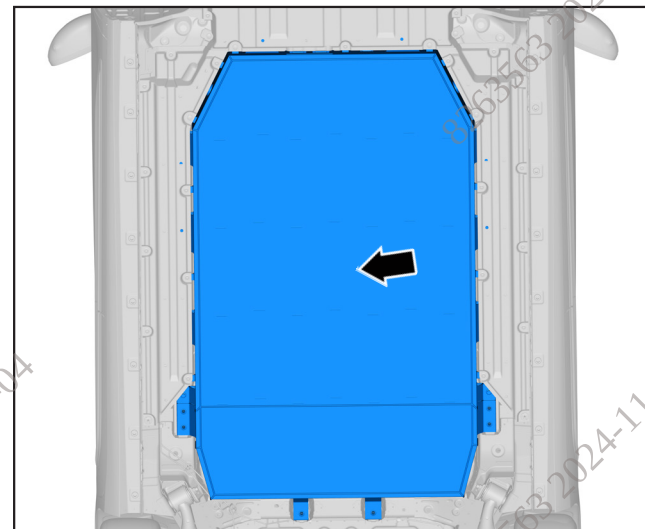
Airbag ECU: Mounted on the lower middle part of the body under the dashboard, indicated by an arrow.



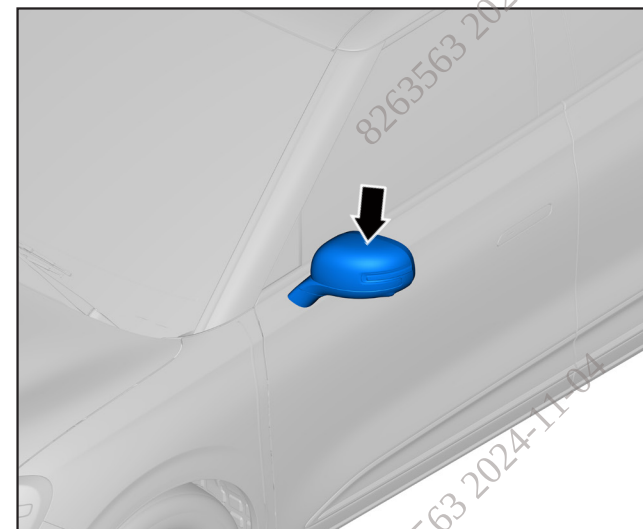
Front Wiper Motor: Mounted under the front windshield, indicated by an arrow.



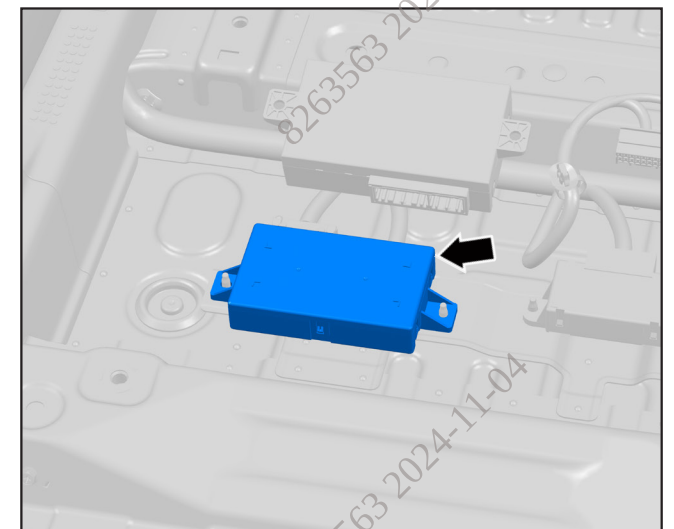
Cooling Fan Electronic Control Box: Mounted on the cooling fan assembly, indicated by an arrow.



Power Battery: Mounted on the bottom of the body, indicated by an arrow.

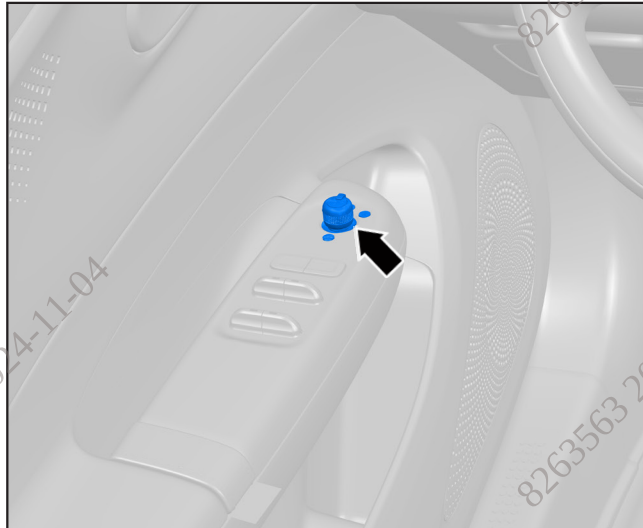


Left Rearview Mirror: Mounted on the left front door, indicated by an arrow.

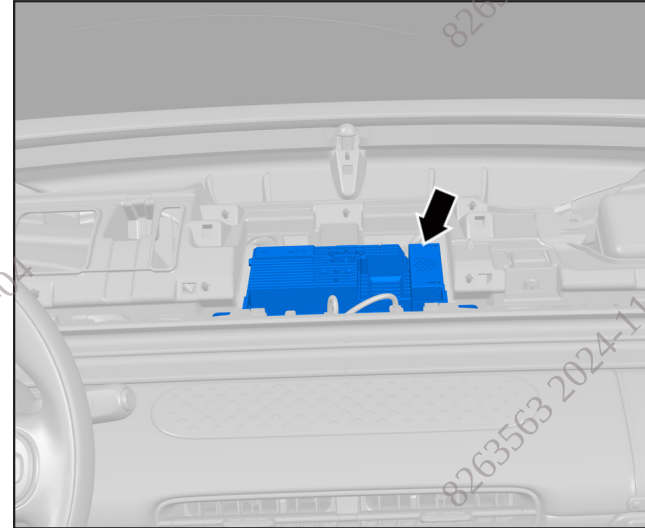


Anti-pinch Window Control: Mounted on the left side of the sub-instrument panel assembly body, indicated by an arrow.

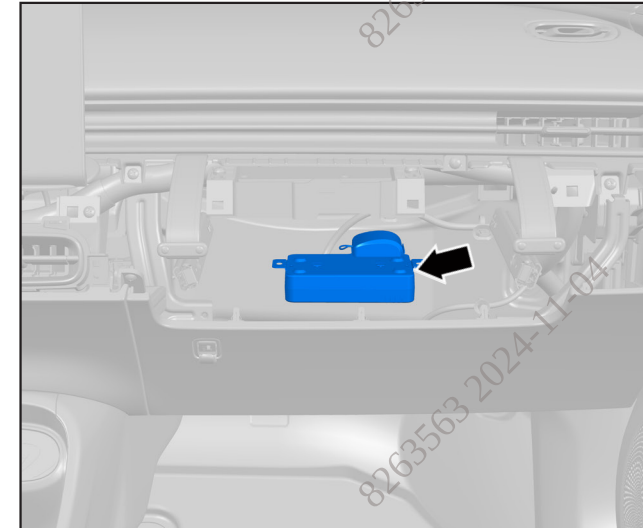
Position Diagrams



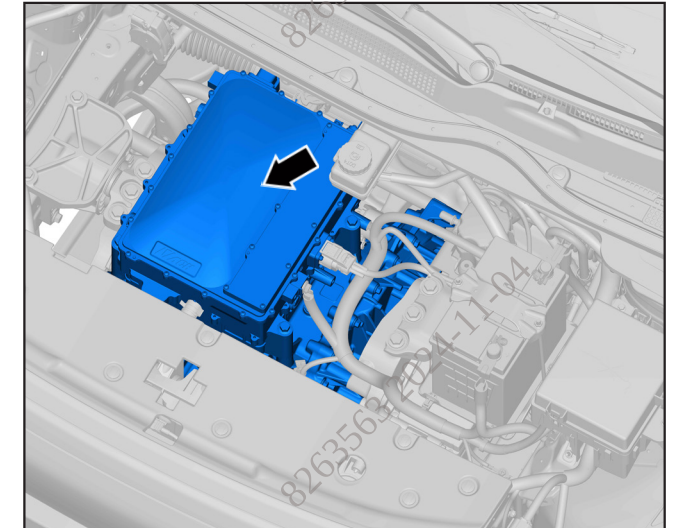
Rearview Mirror Adjustment Switch: Mounted on the left front door panel, indicated by an arrow.



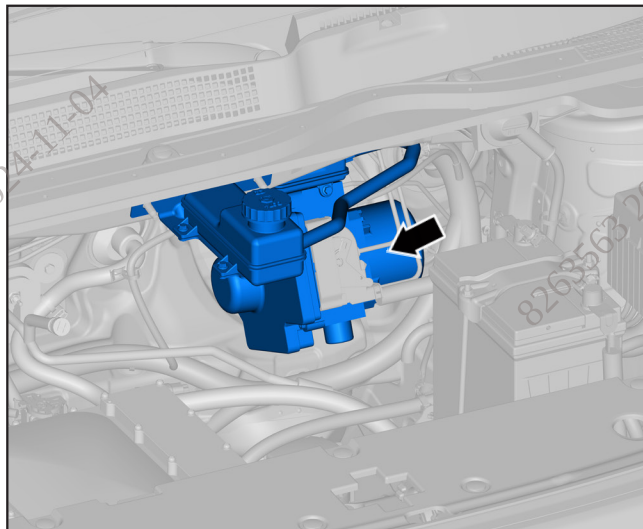
MP5 Sound System Main Unit: Mounted in the middle of the dashboard assembly, indicated by an arrow.



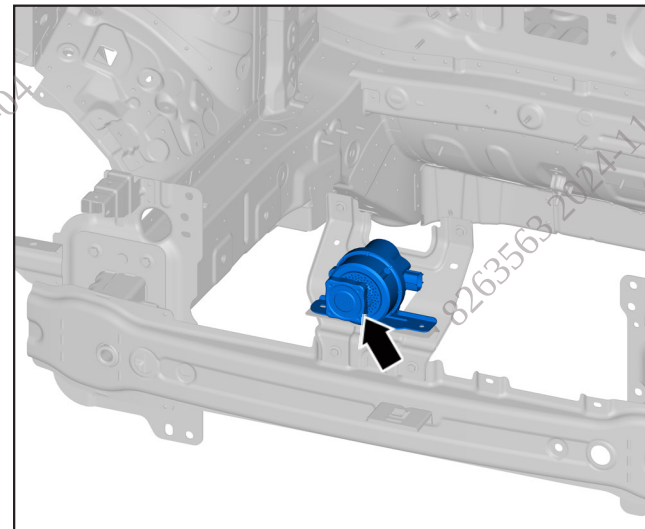
Remote Monitoring Terminal Assembly TU: Mounted on the right side of the dashboard assembly, indicated by an arrow.



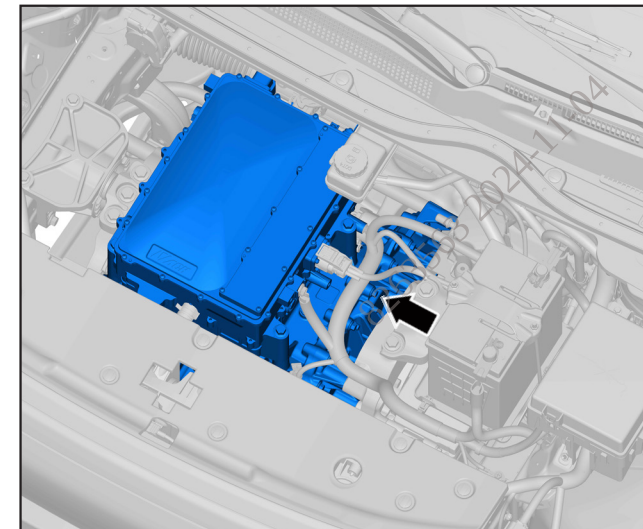
On-board Charger: Mounted next to the battery, indicated by an arrow.



Integrated Brake Controller IBC: Mounted under the brake fluid reservoir, indicated by an arrow.



Acoustic Vehicle Alert System: Mounted on the front crash beam, indicated by an arrow.



Motor Assembly and Controller: Mounted next to the battery, indicated by an arrow.

Harness Inventory

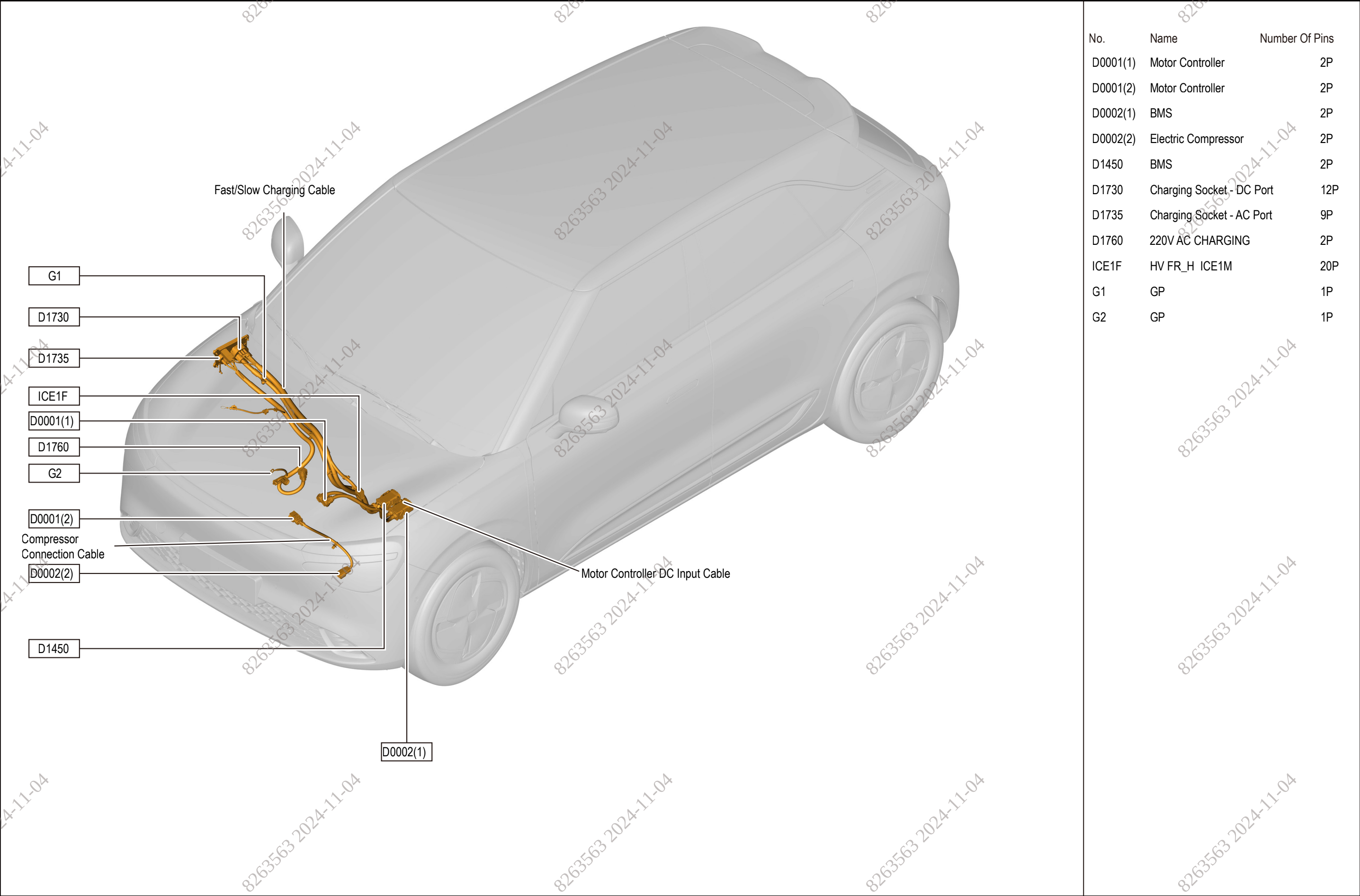
Number	Harness Name	Code	Color Code
1	Front Bumper Harness	FB_H	
2	Front Harness	FR_H	
3	Drive Motor Harness	DM_H	
4	Instrument Panel Harness	IP_H	
5	Passenger Compartment Harness	BD_H	
6	Sub-Instrument Panel Harness	SI_H	
7	Left Front Door Harness	DR_H	
8	Right Front Door Harness	PD_H	
9	Left Rear Door Harness	RL_H	
10	Right Rear Door Harness	RR_H	
11	Tailgate Harness	TG_H	
	Tailgate Auxiliary Harness		
	High Mount Brake Light Harness		
12	Rear Bumper Harness	RB_H	
13	Motor Controller DC Input Cable	HV_H	
	AC/DC Charging Cable		
	Compressor Connection Cable		

Configuration Code	Configuration Description	Remarks
C	-	ALL, indicates standard configuration for all models
EEPS01	EPS Brushed Steering Column	E1 Configuration
EEPS02	EPS Brushless Steering Column	E1+, E2, E3 Configuration
HMP00	Without Mobile Connectivity	E1 Configuration
HMP01	With Mobile Connectivity	E1+, E2, E3 Configuration
HSPE02	6 Speakers	E3 Configuration
IADA02	FCW+AEB+ACC+LDW+LKA	E3 Configuration
IAPA01	Automatic Parking Assist	E3 Configuration
IAVW01	360° Surround View	Option Pack 2 for E2, E3 Configuration
IPDC01	Parking Distance Control	E1, E1+, E2 Configuration
IRVC01	Reverse Camera	E1+, E2 Configuration
LEHD01	Halogen Headlights	E1, E1+ Configuration
LEHD02	LED Headlights	Discontinued
LEHD03	Welcome Light Projection	E2, E3 Configuration
LIAD03	Ambient Lighting	E2, E3 Configuration
NKLE01	Keyless Entry for Driver	E2, E3 Configuration
RAFD01	Automatic Folding Mirrors	Option Pack 2 for E2, E3 Configuration
RHOT01	Heated Mirrors	E2, E3 Configuration
TDPS02	Driver's Seat Electric + 6-way Adjustment	Option Pack 1 for E2, E3 Configuration
TDPS06	Heated Seats	Option Pack 1 for E2, E3 Configuration
TDPS07	Ventilated Seats	Option Pack 1 for E2, E3 Configuration
TEST	Diagnostic Test Harness	E3 Configuration
TWLC01	In-car Wireless Charging	E2, E3 Configuration
USAB02	Passenger Airbag	Standard for all models
USBR02	Passenger Seatbelt Unfastened Alert	E3 Configuration
VAAC01	Automatic Climate Control Single Zone	E3 Configuration
VEAC01	Electric Climate Control Single Zone	E1, E1+, E2 Configuration
YBCM01	Body Control Module	E1, E1+, E2 Configuration
YBDC01	Central Control Module	E3 Configuration
YESC01	ESC	E1, E1+, E2 Configuration
YETC01	ETC	Optional for all models
YIBC01	IBC	E3 Configuration

High Voltage Harness Layout Diagram



High Voltage Harness Position Diagram



No.	Name	Number Of Pins
D0001(1)	Motor Controller	2P
D0001(2)	Motor Controller	2P
D0002(1)	BMS	2P
D0002(2)	Electric Compressor	2P
D1450	BMS	2P
D1730	Charging Socket - DC Port	12P
D1735	Charging Socket - AC Port	9P
D1760	220V AC CHARGING	2P
ICE1F	HV FR_H ICE1M	20P
G1	GP	1P
G2	GP	1P

Motor Controller DC Input Cable
Electrical Component List

Control Unit			
Component Number	Component Name	Number of Pins	Remarks
D0001(1)	Motor Controller	2P	-
D0002(1)	Battery Management System	2P	-

Compressor Connection Cable
Component List

Control Unit			
Component Number	Component Name	Number of Pins	Remarks
D0001(2)	Motor Controller	2P	-
D0002(2)	Electric Compressor	2P	-

AC/DC Charging Cable
Component List

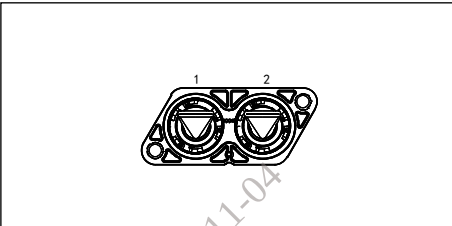
Control Unit			
Component Number	Component Name	Number of Pins	Remarks
D1450	Battery Management System	2P	-
D1730	Charging Socket - DC Port	12P	-
D1735	Charging Socket - AC Port	9P	-
D1760	220V AC Charging	2P	-

Grounding Point			
Component Number	Component Name	Number of Pins	Remarks
G1	Grounding Point	1P	-
G2	Grounding Point	1P	-

Docking Connector			
Component Number	Component Name	Number of Pins	Remarks
ICE1F	Fast/Slow Charging Cable Connected to Front Wiring Harness ICE1M	20P	-

Motor Controller DC Input
Cable Terminal Definitions

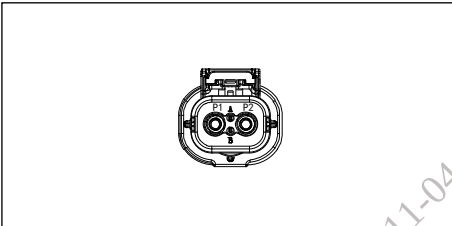
D0001(1) Motor Controller



Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	35	Orange	D0002(1)	1	-	ALL
2	35	Orange	D0002(1)	2	+	ALL

Compressor Connection Cable
Terminal Definitions

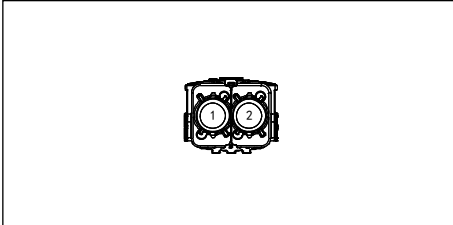
D0001(2) Motor Controller



Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	2.5	Orange	D0002(2)	P1	-	ALL
2	2.5	Orange	D0002(2)	P2	-	ALL

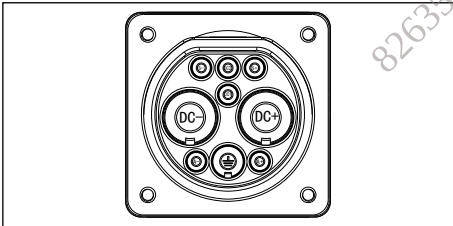
Fast/Slow Charging Cable
Terminal Definitions

D1450 Power Battery



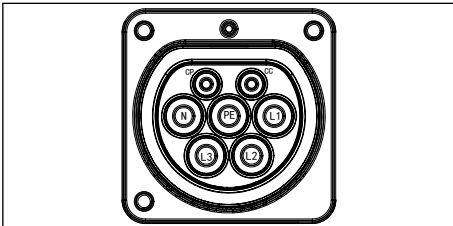
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	25	Orange	D1730	DC-	-	ALL
2	25	Orange	D1730	DC+	+	ALL

D1730 Charging Socket - DC Port



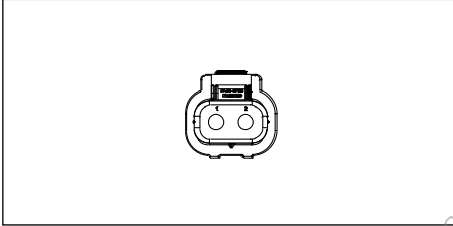
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
DC+	25	Orange	D1450	2	DC+	ALL
DC-	25	Orange	D1450	1	DC-	ALL
PE	16	Black	G1	1	PE	ALL
A+	0.5	Pink	ICE1F	11	A+	ALL
A-	0.5	Black	ICE1F	12	A-	ALL
S+	0.5	Yellow	ICE1F	13	S+	ALL
S-	0.5	White	ICE1F	14	S-	ALL
CC2	0.5	Brown	ICE1F	16	CC2	ALL
NTC1+	0.5	Gray	ICE1F	17	NTC1+	ALL
NTC1-	0.5	Blue	ICE1F	18	NTC1-	ALL
NTC2+	0.5	Yellow	ICE1F	19	NTC2+	ALL
NTC2-	0.5	White	ICE1F	20	NTC2-	ALL

D1735 Charging Socket - AC Port



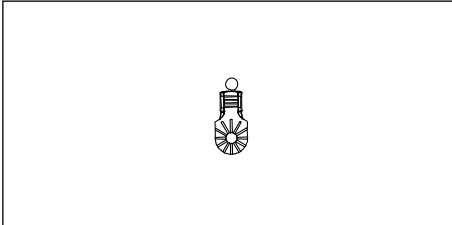
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
CC	0.5	Blue	ICE1F	5	CC	ALL
CP	0.5	White	ICE1F	6	CP	ALL
L1	2.5	Orange	D1760	1	L1	ALL
N	2.5	Orange	D1760	2	N	ALL
PE	2.5	Yellow/Green	G2	1	PE	ALL
T1+	0.5	Blue/White	ICE1F	1	T1+	ALL
T1-	0.5	Green	ICE1F	2	T1-	ALL
T2+	0.5	Red/White	ICE1F	3	T2+	ALL
T2-	0.5	Yellow	ICE1F	4	T2-	ALL

D1760 220V AC Charging



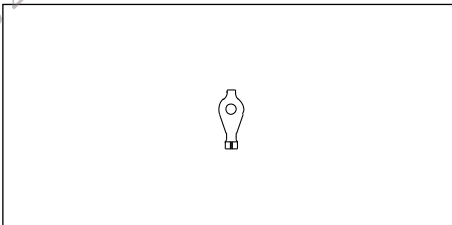
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	2.5	Orange	D1735	L1	L1	ALL
2	2.5	Orange	D1735	N	N	ALL

G1 Grounding Point



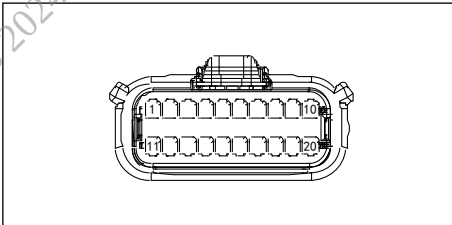
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	16	Black	D1730	PE	Grounding	ALL

G2 Grounding Point



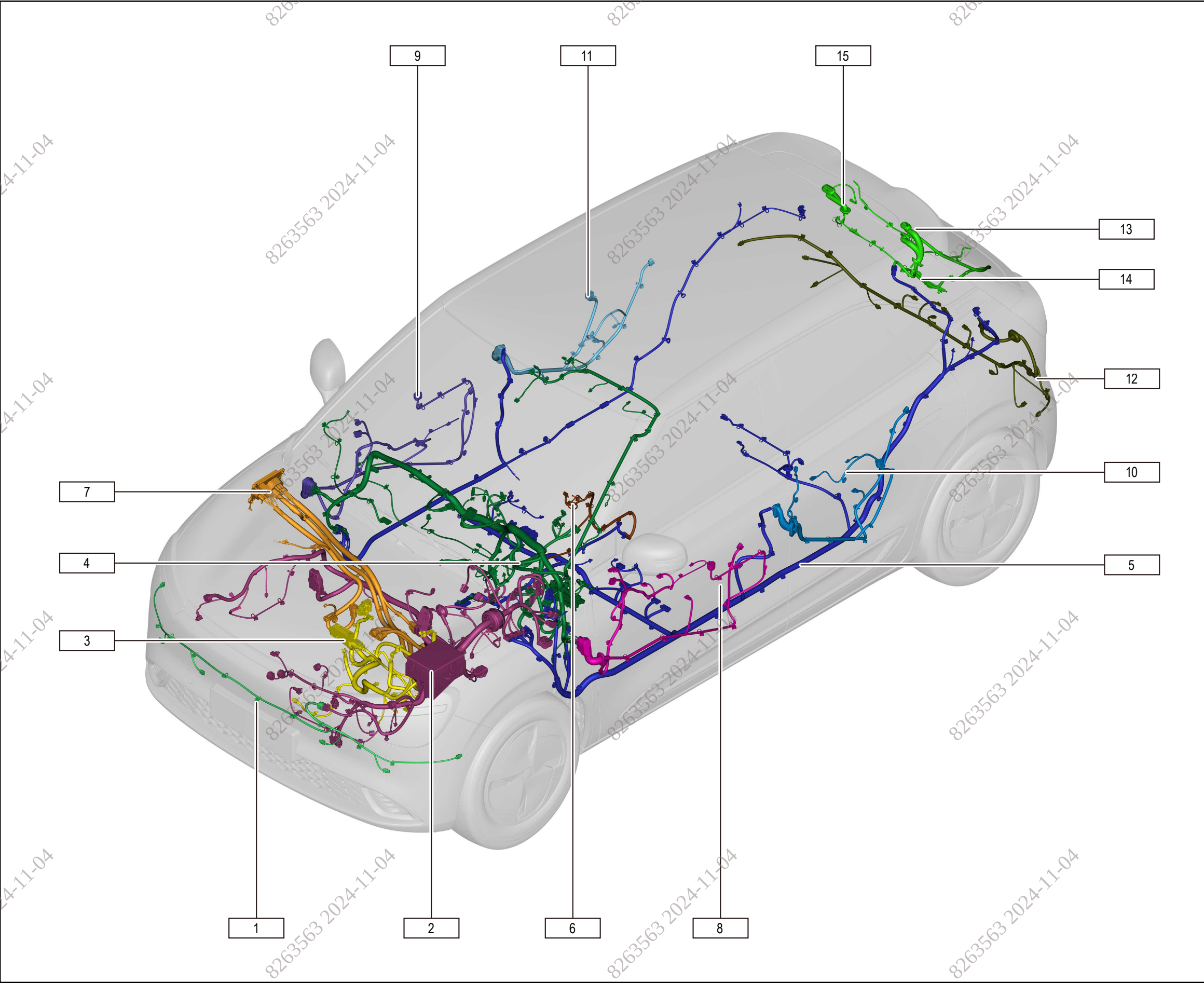
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	2.5	Yellow/Green	D1735	PE	Grounding	ALL

ICE1F Fast/Slow Charging Cable Connected to Front Wiring Harness ICE1M



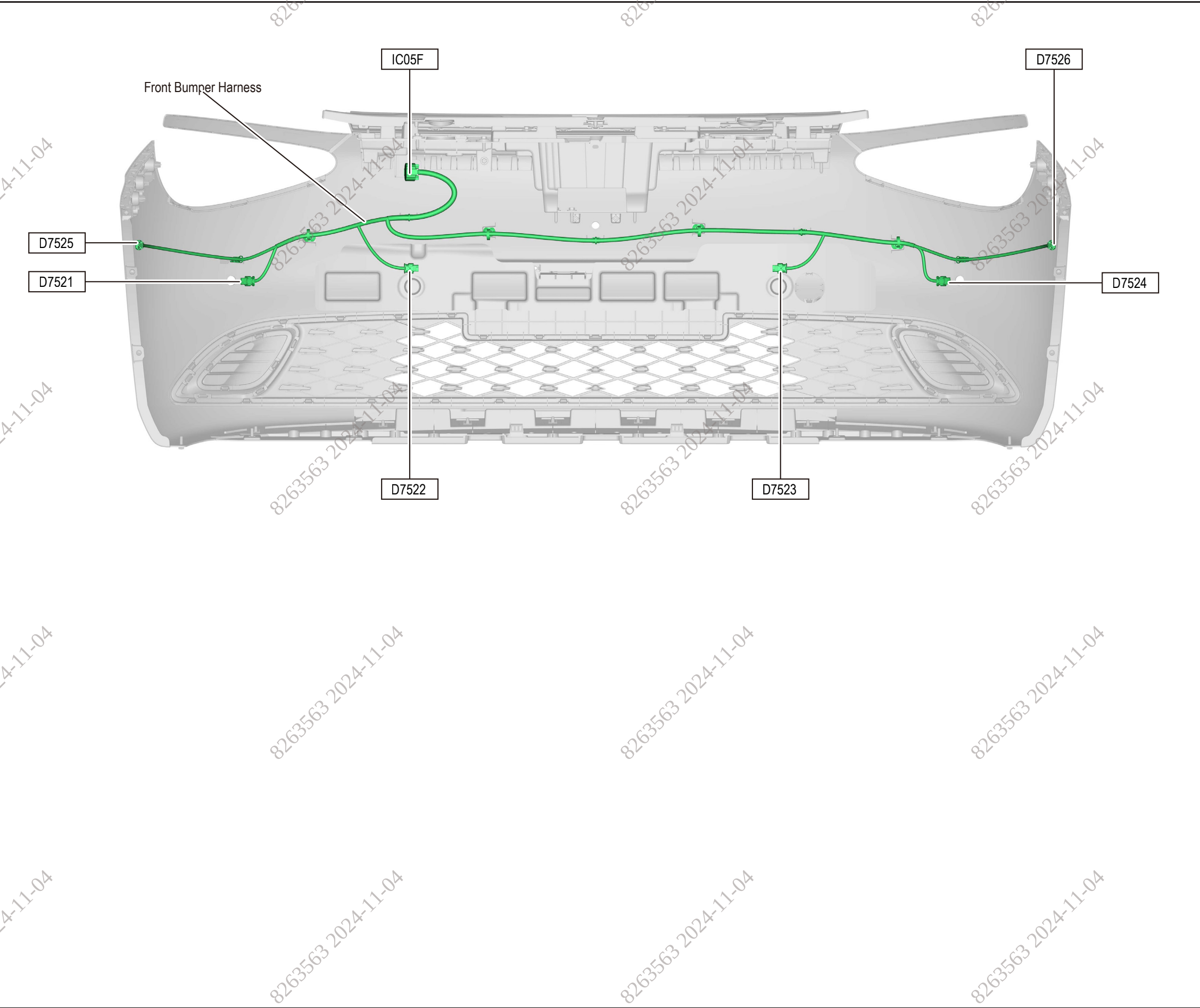
Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
			Connector Number	Pin Number	
1	0.5	Blue/White	D1735	T1+	ALL
2	0.5	Green	D1735	T1-	ALL
3	0.5	Red/White	D1735	T2+	ALL
4	0.5	Yellow	D1735	T2-	ALL
5	0.5	Blue	D1735	CC	ALL
6	0.5	White	D1735	CP	ALL
7	-	-	-	-	-
8	-	-	-	-	-
9	-	-	-	-	-
10	-	-	-	-	-
11	0.5	Pink	D1730	A+	ALL
12	0.5	Black	D1730	A-	ALL
13	0.5	Yellow	D1730	S+	ALL
14	0.5	White	D1730	S-	ALL
15	-	-	-	-	-
16	0.5	Brown	D1730	CC2	ALL
17	0.5	Gray	D1730	NTC1+	ALL
18	0.5	Blue	D1730	NTC1-	ALL
19	0.5	Yellow	D1730	NTC2+	ALL
20	0.5	White	D1730	NTC2-	ALL

Low Voltage Harness Layout Diagram



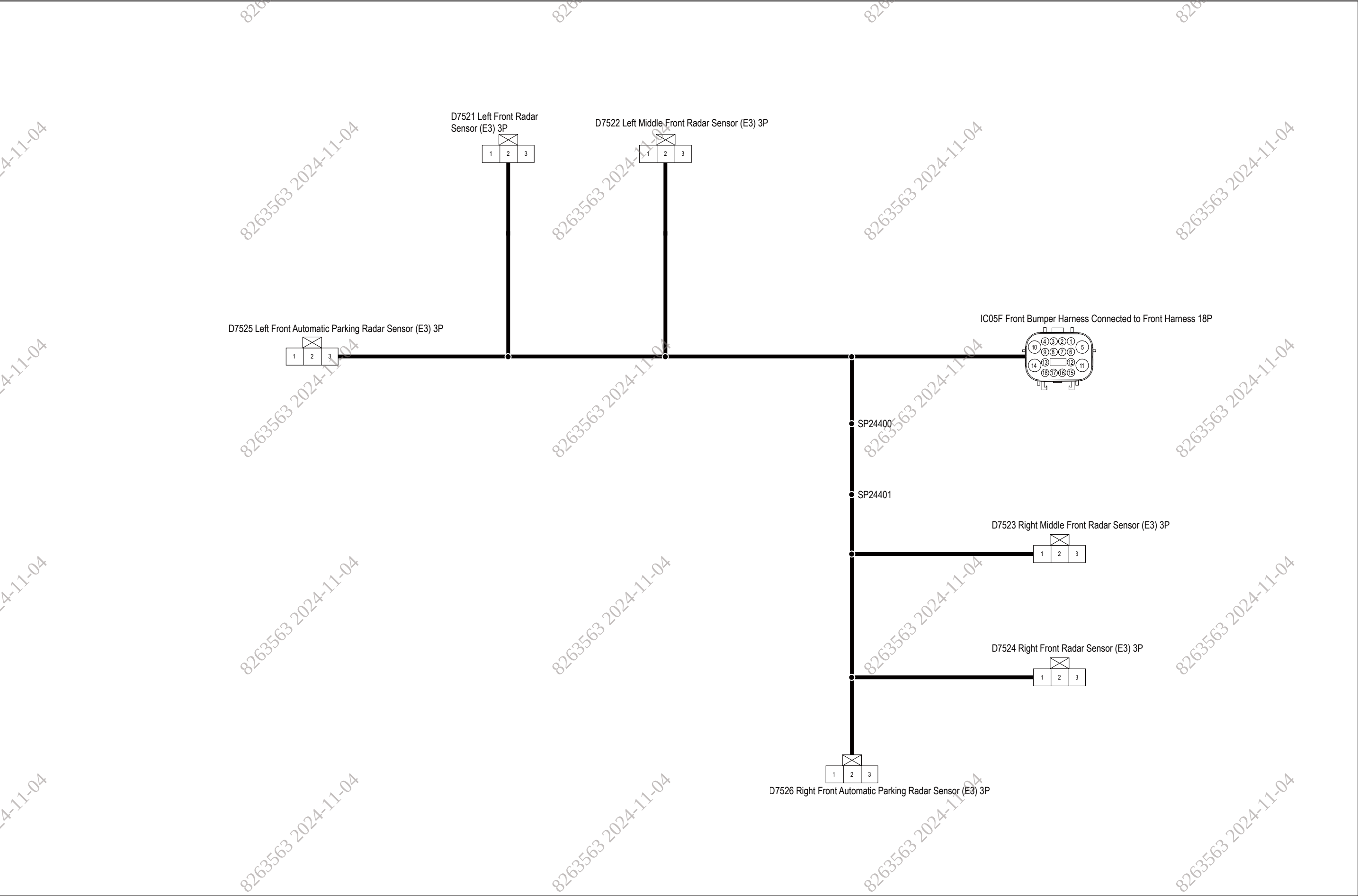
No.	Name	Note
1	FB_H	-
2	FR_H	-
3	DM_H	-
4	IP_H	-
5	BD_H	-
6	SI_H	-
7	HV_H	-
8	DR_H	-
9	PD_H	-
10	RL_H	-
11	RR_H	-
12	RB_H	-
13	TD_H	-
14	TG_H	-
15	TG_H	-

Front Bumper Harness Position Diagram



No.	Name	Number Of Pins
D7521	Front Radar Sensor- Left(E3)	3P
D7522	Front Radar Sensor- Left Middle(E3)	3P
D7523	Front Radar Sensor- Right Middle(E3)	3P
D7524	Front Radar Sensor- Right(E3)	3P
D7525	LF APA Radar Sensor(E3)	3P
D7526	RF APA Radar Sensor(E3)	3P
IC05F	FB_H Conn to FR_H IC05M	18P

Front Bumper Harness Structural Diagram



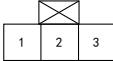
Front Bumper Harness
Electrical Component List

Sensor			
Component Number	Component Name	Number of Pins	Remarks
D7521	Front Radar Sensor - Left	3P	E3 Configuration
D7522	Front Radar Sensor - Left Middle	3P	E3 Configuration
D7523	Front Radar Sensor - Right Middle	3P	E3 Configuration
D7524	Front Radar Sensor - Right	3P	E3 Configuration
D7525	Left Front Automatic Parking Radar Sensor	3P	E3 Configuration
D7526	Right Front Automatic Parking Radar Sensor	3P	E3 Configuration

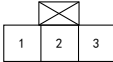
Docking Connector			
Component Number	Component Name	Number of Pins	Remarks
IC05F	Front Bumper Wiring Harness Connected to Front Wiring Harness IC05M	18P	E3 Configuration

Front Bumper Harness
Terminal Definitions

D7521 Front Radar Sensor - Left

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.35	Red/White	SP24400	L	Power Supply	IAPA01
2	0.35	Brown/Green	IC05F	4	Signal	IAPA01
3	0.35	Yellow	SP24401	L	Ground	IAPA01

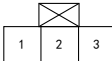
D7522 Front Radar Sensor - Left Middle

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.35	Red/White	SP24400	L	Power Supply	IAPA01
2	0.35	Gray/Purple	IC05F	6	Signal	IAPA01
3	0.35	Red	SP24401	L	Ground	IAPA01

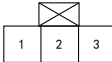
D7523 Front Radar Sensor - Right Middle

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.35	Red/White	SP24400	R	Power Supply	IAPA01
2	0.35	Brown/Blue	IC05F	7	Signal	IAPA01
3	0.35	White	SP24401	R	Ground	IAPA01

D7524 Front Radar Sensor - Right

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.35	Red/White	SP24400	R	Power Supply	IAPA01
2	0.35	Orange	IC05F	8	Signal	IAPA01
3	0.35	Red/Yellow	SP24401	R	Ground	IAPA01

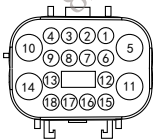
D7525 Left Front Automatic Parking Radar Sensor

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.35	Red/White	SP24400	L	Power Supply	IAPA01
2	0.35	Brown	IC05F	1	Signal	IAPA01
3	0.35	White/Red	SP24401	L	Ground	IAPA01

D7526 Right Front Automatic Parking Radar Sensor

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.35	Red/White	SP24400	R	Power Supply	IAPA01
2	0.35	Black/Orange	IC05F	2	Signal	IAPA01
3	0.35	Yellow/Black	SP24401	R	Ground	IAPA01

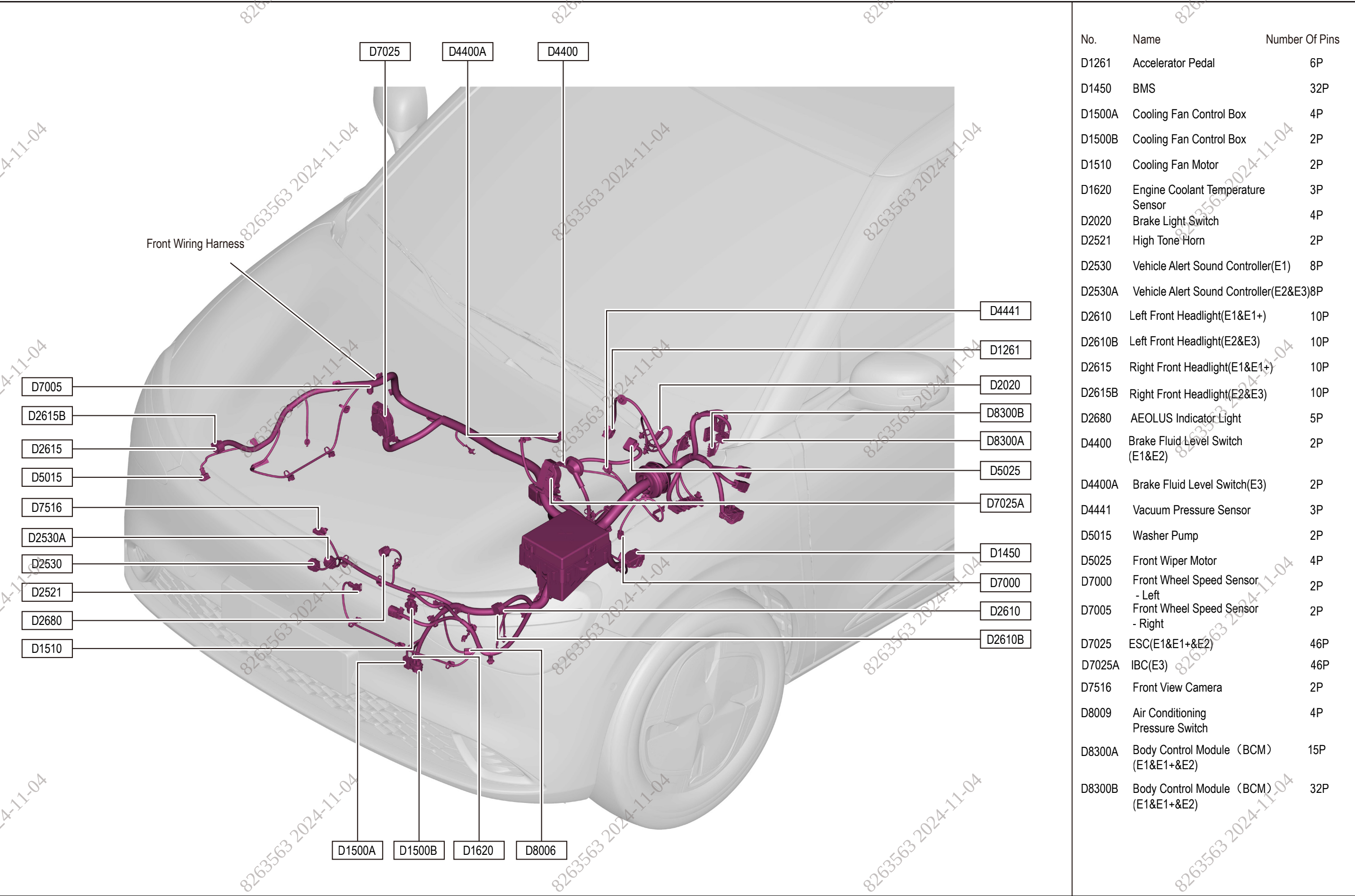
IC05F Front Bumper Wiring Harness Connected to Front Wiring Harness IC05M

					
Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
			Connector Number	Pin Number	
1	0.35	Brown	D7525	2	IAPA01
2	0.35	Black/Orange	D7526	2	IAPA01
3	0.35	Red/White	SP24400	L	IAPA01
4	0.35	Brown/Green	D7521	2	IAPA01
5	0.35	White/Black	SP24401	L	IAPA01
6	0.35	Gray/Purple	D7522	2	IAPA01
7	0.35	Brown/Blue	D7523	2	IAPA01
8	0.35	Orange	D7524	2	IAPA01
9	-	-	-	-	-
10	-	-	-	-	-
11	-	-	-	-	-
12	-	-	-	-	-
13	-	-	-	-	-
14	-	-	-	-	-
15	-	-	-	-	-
16	-	-	-	-	-
17	-	-	-	-	-
18	-	-	-	-	-

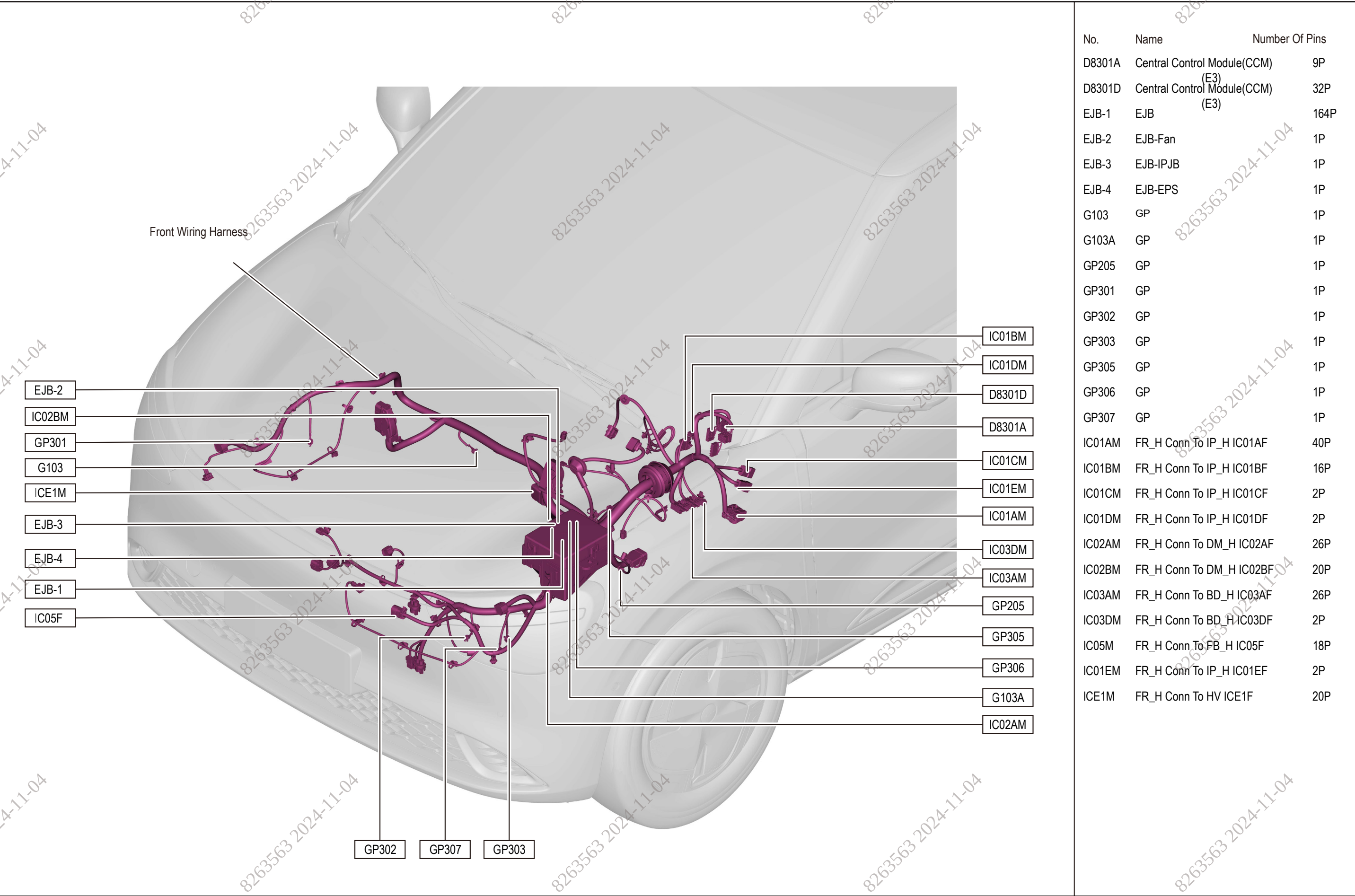
Front Bumper Harness Splice
Points List

Splice Point	Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
				Connector Number	Pin Number	
SP24400	L	0.35	Red/White	D7525	1	IAPA01
	L	0.35	Red/White	D7521	1	IAPA01
	L	0.35	Red/White	D7522	1	IAPA01
	L	0.35	Red/White	IC05F	3	IAPA01
	R	0.35	Red/White	D7523	1	IAPA01
	R	0.35	Red/White	D7524	1	IAPA01
SP24401	R	0.35	Red/White	D7526	1	IAPA01
	L	0.35	White/Red	D7525	3	IAPA01
	L	0.35	Yellow	D7521	3	IAPA01
	L	0.35	Red	D7522	3	IAPA01
	L	0.35	White/Black	IC05F	5	IAPA01
	R	0.35	White	D7523	3	IAPA01
	R	0.35	Red/Yellow	D7524	3	IAPA01
	R	0.35	Yellow/Black	D7526	3	IAPA01

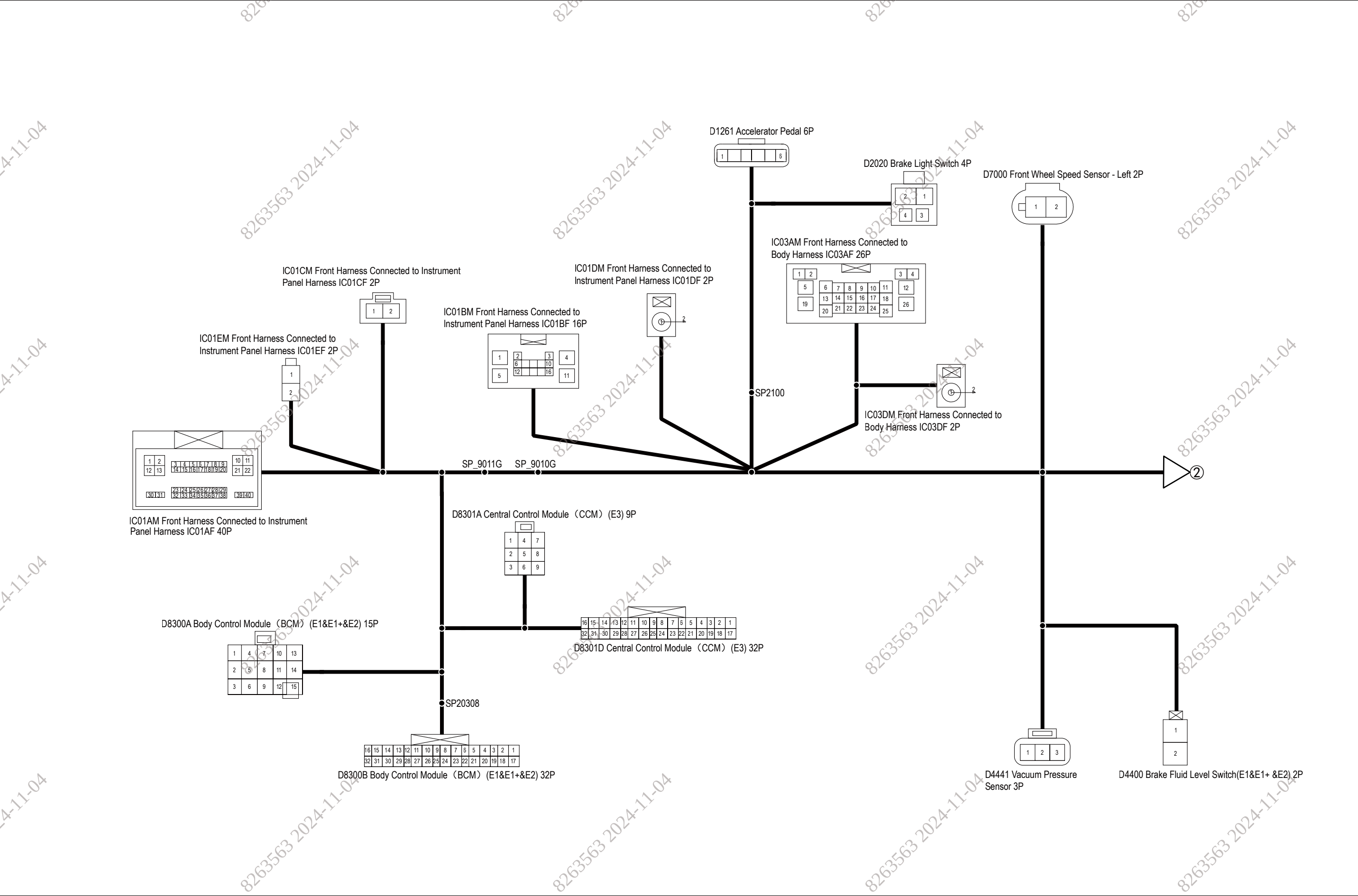
Front Harness Position Diagram



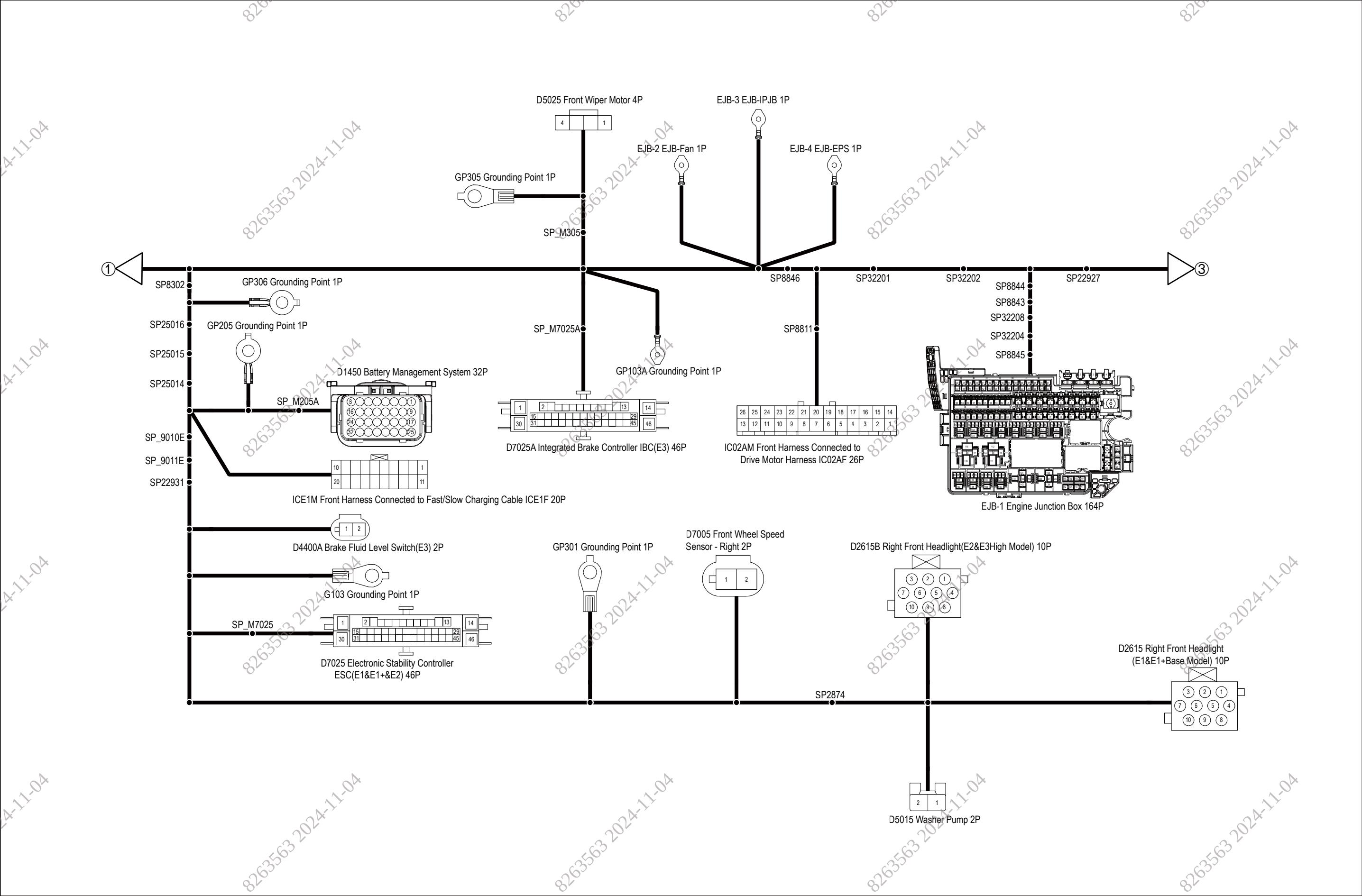
Front Harness Position Diagram



Front Harness Structural Diagram

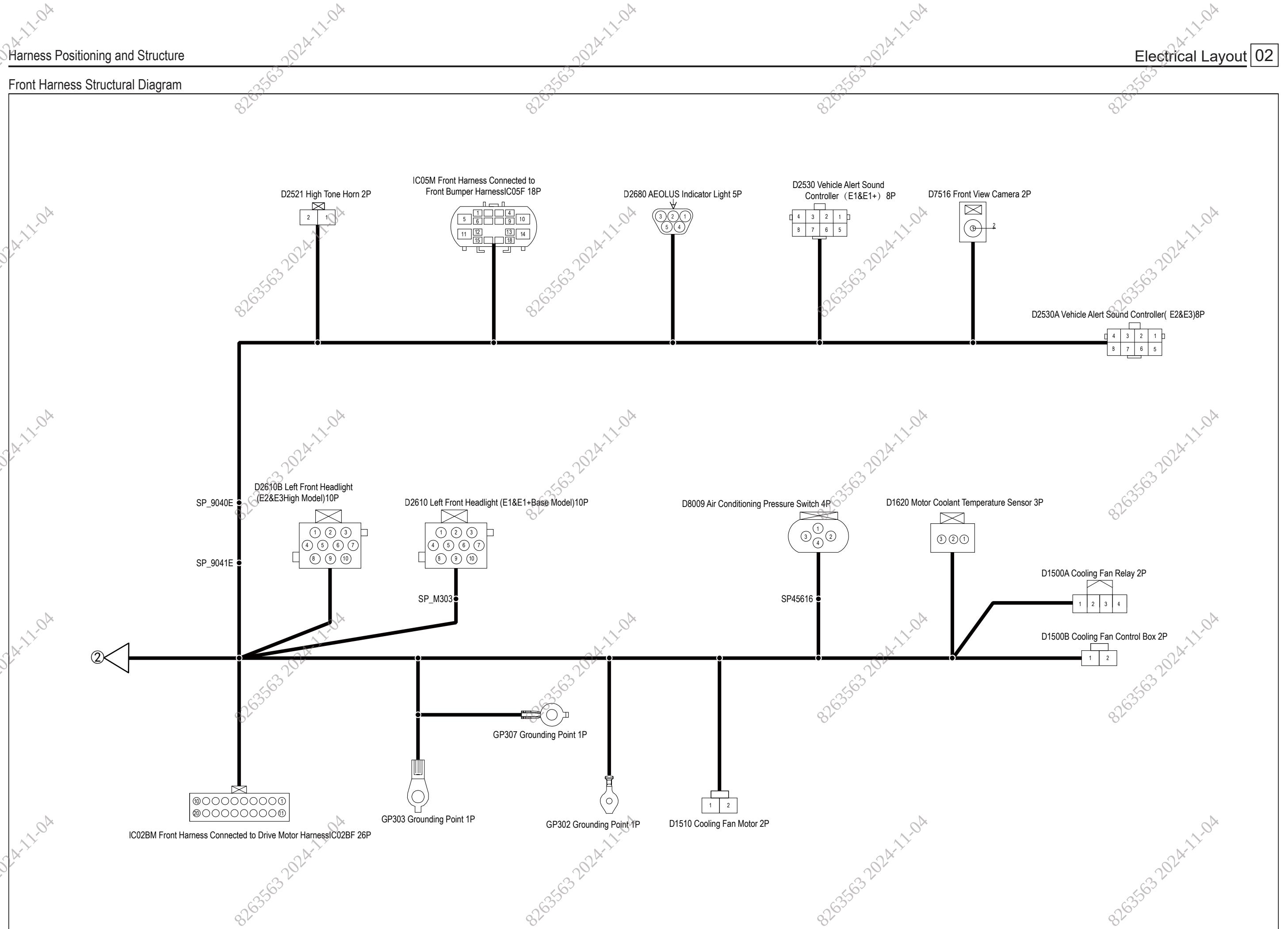


Front Harness Structural Diagram



Harness P

Front Har



Front Harness Electrical Component List

Control Unit			
Component Number	Component Name	Number of Pins	Remarks
D1450	Battery Management System	32P	-
D1500A	Cooling Fan Control Box	4P	-
D1500B	Cooling Fan Control Box	2P	-
D2530	Acoustic Vehicle Alert System	8P	E1&E1+ Configuration
D2530A	Acoustic Vehicle Alert System	8P	E2&E3 Configuration
D7025	Electronic Stability Controller ESC	46P	E1&E1+&E2 Configuration
D7025A	Integrated Brake Controller IBC	46P	E3 Configuration
D8300A	Body Control Unit BCM	15P	E1&E1+&E2 Configuration
D8300B	Body Control Unit BCM	32P	E1&E1+&E2 Configuration
D8301A	Central Control Module CCM	9P	E3 Configuration
D8301D	Central Control Module CCM	32P	E3 Configuration
EJB-1	Engine Junction Box	164P	-
EJB-2	EJB - Fan	1P	-
EJB-3	EJB - IPJB	1P	-
EJB-4	EJB - EPS	1P	-

Appliances			
Component Number	Component Name	Number of Pins	Remarks
D1261	Accelerator Pedal	6P	-
D1510	Cooling Fan Motor	2P	-
D2020	Brake Light Switch	4P	-
D2521	High Tone Horn	2P	-
D2610	Left Front Headlight (Base Model)	10P	E1, E1+ Configuration
D2610B	Left Front Headlight (High Model)	10P	E2, E3 Configuration
D2615	Right Front Headlight (Base Model)	10P	E1, E1+ Configuration
D2615B	Right Front Headlight (High Model)	10P	E2, E3 Configuration
D2680	AEOLUS Identification Light	5P	-
D4400	Brake Fluid Level Switch	2P	E1&E1+&E2 Configuration
D4004A	Brake Fluid Level Switch	2P	E3 Configuration
D5015	Washer Pump	2P	-
D5025	Front Wiper Motor	4P	-
D7516	Forward-Facing Camera	2P	-

Sensor			
Component Number	Component Name	Number of Pins	Remarks
D1620	Engine Coolant Temperature Sensor	3P	-
D4441	Vacuum Pressure Sensor	3P	-
D7000	Front Wheel Speed Sensor - Left	2P	-
D7005	Front Wheel Speed Sensor - Right	2P	-
D8009	Air Conditioning Pressure Switch	4P	-

Sensor			
Component Number	Component Name	Number of Pins	Remarks
D1620	Engine Coolant Temperature Sensor	3P	-
D4441	Vacuum Pressure Sensor	3P	-
D7000	Front Wheel Speed Sensor - Left	2P	-
D7005	Front Wheel Speed Sensor - Right	2P	-
D8009	Air Conditioning Pressure Switch	4P	-

Grounding Point			
Component Number	Component Name	Number of Pins	Remarks
G103	Grounding Point	1P	-
G103A	Grounding Point	1P	-
GP205	Grounding Point	1P	-
GP301	Grounding Point	1P	-
GP302	Grounding Point	1P	-
GP303	Grounding Point	1P	-
GP305	Grounding Point	1P	-
GP306	Grounding Point	1P	-
GP307	Grounding Point	1P	-

Docking Connector			
Component Number	Component Name	Number of Pins	Remarks
IC01AM	Front Wiring Harness Connected to Instrument Panel Harness IC01AF	40P	-
IC01BM	Front Wiring Harness Connected to Instrument Panel Harness IC01BF	16P	-
IC01CM	Front Wiring Harness Connected to Instrument Panel Harness IC01CF	2P	-
IC01DM	Front Wiring Harness Connected to Instrument Panel Harness IC01DF	2P	-
IC02AM	Front Wiring Harness Connected to Front Power Harness IC02AF	26P	-
IC02BM	Front Wiring Harness Connected to Front Power Harness IC02BF	20P	-
IC03AM	Front Wiring Harness Connected to Passenger Compartment Harness IC03AF	26P	-
IC03DM	Front Wiring Harness Connected to Passenger Compartment Harness IC03DF	2P	-
IC05M	Front Wiring Harness Connected to Front Bumper Harness IC05F	18P	-
IC01EM	Front Wiring Harness Connected to Instrument Panel Harness IC01EF	2P	-
ICE1M	Front Wiring Harness Connected to Fast/Slow Charging Cable ICE1F	20P	-

Front Harness Terminal Definitions

D1450 Power Battery

Hole Position	Wire Diameter	Wire Color	Connected Pin Connector Number	Pin Number	Function	Configuration
1	-	-	-	-	-	-
2	0.5	Yellow	SP32201	L	Power Supply	C
3	0.5	Red	SP8811	L	ON Position Signal	C
4	0.5	Orange	SP25016	L	Fast Charge Wake-up A+	ALL
5	-	-	-	-	-	-
6	0.5	Black	SP_M205A	L	Ground	ALL
7	0.5	Green/White	ICE1M	12	Fast Charge Wake-up A-	ALL
8	0.5	Black	SP_M205A	L	Ground	ALL
9	-	-	-	-	-	-
10	-	-	-	-	-	-
11	0.5	Orange	SP32202	L	Power Supply	C
12	-	-	-	-	-	-
13	-	-	-	-	-	-
14	-	-	-	-	-	-
15	0.5	Brown	ICE1M	17	TEMP QUICK1	ALL
16	0.5	Green	ICE1M	18	TEMP GND	ALL
17	0.5	Green/Yellow	ICE1M	19	TEMP QUICK1	ALL
18	0.5	Green/Red	ICE1M	20	TEMP GND	ALL
19	-	-	-	-	-	-
20	0.5	Blue/Red	ICE1M	16	Fast Charge Connection Confirmation CC2	ALL
21	0.35	Orange	IC02BM	12	Interlock+	ALL
22	0.35	Green	IC02BM	13	Interlock-	ALL
23	0.35	Blue	IC01AM	28	Vehicle CAN_H	YBCM01
23	0.35	Blue	IC03AM	3	Vehicle CAN_H	YBCD01
24	0.35	Pink	IC01AM	29	Vehicle CAN_L	YBCM01
24	0.35	Pink	IC03AM	4	Vehicle CAN_L	YBCD01
25	-	-	-	-	-	-
26	-	-	-	-	-	-
27	0.5	Yellow	SP25014	L	Fast Charge CAN_H	ALL
28	0.5	White	SP25015	L	Fast Charge CAN_L	ALL
29	-	-	-	-	-	-
30	-	-	-	-	-	-
31	0.35	Orange/Blue	IC03AM	8	Collision Hardwire Signal Generator	ALL
32	-	-	-	-	-	-

D1500A Cooling Fan Control Box

Hole Position	Wire Diameter	Wire Color	Connected Pin Connector Number	Pin Number	Function	Configuration
1	0.5	Orange	IC02AM	3	High Rly	ALL
2	0.5	Blue/Red	IC02AM	4	Low Rly	ALL
3	0.5	White/Black	EJB1	32	Rly Ycc	C
4	-	-	-	-	-	-

D1500B Cooling Fan Control Box

Hole Position	Wire Diameter	Wire Color	Connected Pin Connector Number	Pin Number	Function	Configuration
1	8	Red	D1510	1	Cooling Fan Motor Power Supply	ALL
2	8	White	EJB-2	1	Power Supply	C

D2530 Acoustic Vehicle Alert System

Hole Position	Wire Diameter	Wire Color	Connected Pin Connector Number	Pin Number	Function	Configuration
1	0.35	Blue	SP_9040E	R	CAN_H	INKLE01
2	0.35	Pink	SP_9041E	R	CAN_L	INKLE01
3	0.5	Black	SP_M303	L	Ground	INKLE01
4	0.5	Red/Green	EJB1	22	Power Supply	C&&INKLE01
5	-	-	-	-	-	-
6	-	-	-	-	-	-
7	-	-	-	-	-	-
8	-	-	-	-	-	-

D7025 Electronic Stability Controller ESC

Hole Position	Wire Diameter	Wire Color	Connected Pin Connector Number	Pin Number	Function	Configuration
1	4	Yellow	EJB1	61	Motor Power Supply	C&&YESC01
2	2	White/Blue	IC03AM	20	Caliper Right Motor+	YESC01
3	2	Green	IC03AM	25	Caliper Right Motor-	YESC01
4	-	-	-	-	-	-
5	0.35	Blue	SP_9010E	L	CAN1_H	YESC01
6	-	-	-	-	-	-
7	0.5	Pink	D7000	1	Left Front Wheel Speed Signal	YESC01
8	-	-	-	-	-	-
9	-	-	-	-	-	-
10	-	-	-	-	-	-
11	-	-	-	-	-	-
12	2	White/Black	IC03AM	11	Caliper Left Motor-	YESC01
13	2	White	IC03AM	6	Caliper Left Motor+	YESC01
14	4	Black	SP_M7025	R	Motor and Coil Ground	YESC01
15	0.35	Yellow	IC01AM	17	SW3	YESC01
16	0.35	Brown	IC01AM	16	SW6	YESC01
17	-	-	-	-	-	-
18	-	-	-	-	-	-
19	0.35	Pink	SP_9011E	L	CAN1_L	YESC01
20	-	-	-	-	-	-
21	0.5	Black/Blue	D7005	2	Right Front Wheel Speed Power Supply	YESC01
22	0.5	Red/Green	IC03AM	21	Right Rear Wheel Speed Power Supply	YESC01
23	0.5	Brown/Green	IC03AM	17	Left Rear Wheel Speed Signal	YESC01
24	0.5	Blue	D7000	2	Left Front Wheel Speed Power Supply	YESC01
25	-	-	-	-	-	-
26	0.5	Red	D7005	1	Right Rear Wheel Speed Signal	YESC01
27	-	-	-	-	-	-
28	-	-	-	-	-	-
29	-	-	-	-	-	-
30	4	Yellow	EJB1	58	ECU and Coil Power Supply	C&&YESC01
31	0.35	Green	IC01AM	19	SW1	YESC01
32	0.35	Black/Blue	IC01AM	18	SW4	YESC01
33	-	-	-	-	-	-
34	-	-	-	-	-	-
35	-	-	-	-	-	-
36	0.5	Pink	EJB1	20	Ignition Signal	C&&YESC01
37	0.5	Orange/Red	IC03AM	22	Right Rear Wheel Speed Signal	YESC01
38	-	-	-	-	-	-
39	0.5	Yellow	IC03AM	16	Left Rear Wheel Speed Power Supply	YESC01
40	-	-	-	-	-	-
41	-	-	-	-	-	-
42	-	-	-	-	-	-
43	-	-	-	-	-	-
44	-	-	-	-	-	-
45	-	-	-	-	-	-
46	4	Black	SP_M7025	R	Motor and Coil Ground	YESC01

D2530A Acoustic Vehicle Alert System

Hole Position	Wire Diameter	Wire Color	Connected Pin Connector Number	Pin Number	Function	Configuration
1	0.35	Blue	SP_9040E	R	CAN_H	NKLE01
2	0.35	Pink	SP_9041E	R	CAN_L	NKLE01
3	0.5	Black	SP_M303	L	Ground	NKLE01
4	0.5	Red/Green	IC01AM	23	Power Supply	C&&NKLE01
5	-	-	-	-	-	-
6	-	-	-	-	-	-
7	-	-	-	-	-	-
8	-	-	-	-	-	-

D7025A Integrated Brake Controller IBC

Hole Position	Wire Diameter	Wire Color	Connected Pin Connector Number	Pin Number	Function	Configuration
1	30	15	31	29	45	46
2	6	Black	SP_M7025A	L	Motor and Coil Ground	YIBC01
3	2	White/Blue	IC03AM	20	Caliper Right Motor+	YIBC01
4	-	-	-	-	-	-
5	0.35	Blue	SP_9010E	R	CAN_H	YIBC01
6	-	-	-	-	-	-
7	0.5	Pink	D7000	1	Left Front Wheel Speed Signal	YIBC01
8	-	-	-	-	-	-
9	-	-	-	-	-	-
10	-	-	-	-	-	-
11	-	-	-	-	-	-
12	2	White/Black	IC03AM	11	Caliper Left Motor-	YIBC01
13	2	White	IC03AM	6	Caliper Left Motor+	YIBC01
14	6	Yellow	EJB1	58	ECU and Coil Power Supply	C&&YIBC01
15	0.35	Yellow	IC01AM	16	SW6	YIBC01
16	-	-	-	-	-	-
17	0.35	Black/Blue	IC01AM	19	SW1	YIBC01
18	-	-	-	-	-	-
19	0.35	Pink	SP_9011E	R	CAN_L	YIBC01
20	0.5	Red/Green	IC03AM	21	Right Rear Wheel Speed Power Supply	YIBC01
21	0.5	Blue	D7000	2	Left Front Wheel Speed Power Supply	YIBC01
22	-	-	-	-	-	-
23	0.5	Brown/Green	IC03AM	17	Left Rear Wheel Speed Signal	YIBC01
24	-	-	-	-	-	-
25	-	-	-	-	-	-
26	0.5	Red	D7005	1	Right Front Wheel Speed Signal	YIBC01
27	-	-	-	-	-	-
28	0.35	Green	IC01AM	18	SW4	YIBC01
29	-	-	-	-	-	-
30	6	Black	SP_M7025A	L	Motor and Coil Ground	YIBC01
31	-	-	-	-	-	-
32	-	-	-	-	-	-
33	-	-	-	-	-	-
34	-	-	-	-	-	-
35	-	-	-	-	-	-
36	0.5	Blue	EJB1	20	Ignition Signal	C&&YIBC01
37	0.5	Orange/Red	IC03AM	22	Right Rear Wheel Speed Signal	YIBC01
38	0.35	Red/Green	D4400A	2	FLS	YIBC01
39	0.5	Yellow	IC03AM	16	Left Rear Wheel Speed Power Supply	YIBC01

Hole Position	Wire Diameter	Wire Color	Connected Pin Connector Number	Pin Number	Function	Configuration
40	-	-	-	-	-	-
41	-	-	-	-	-	-
42	0.5	Black/Blue	D7005	2	Right Front Wheel Speed Power Supply	YIBC01
43	-	-	-	-	-	-
44	0.35	Brown	IC01AM	17	SW3	YIBC01
45	-	-	-	-	-	-
46	6	Yellow	EJB1	61	Motor Power Supply	C&&YIBC01

D8300A Body Control Unit BCM

Hole Position	Wire Diameter	Wire Color	Connected Pin Connector Number	Pin Number	Function	Configuration
1	-	-	-	-	-	-
2	-	-	-	-	-	-
3	2	Red/Black	EJB1	41	External Light Power Supply 1	YBCM01&&C
4	1.5	Orange/Red	IC01BM	4	Door Lock Power Supply	YBCM01&&C
5	-	-	-	-	-	-
6	2.5	Red/Black	EJB1	39	External Light Power Supply 3	YBCM01&&C
7	1.5	Orange	EJB1	34	Rear Wiper Power Supply	YBCM01&&C
8	0.5	Blue/Yellow	D5025	3	Front Wiper Stop Position	YBCM01
9	-	-	-	-	-	-
10	0.75	Pink	D5015	1	Front Washer Output	YBCM01
11	-	-	-	-	-	-
12	1.5	Brown	EJB1	46	External Light Power Supply 2	YBCM01&&C
13	-	-	-	-	-	-
14	-	-	-	-	-	-
15	-	-	-	-	-	-

D8300B Body Control Unit BCM

16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration									
			Connector Number	Pin Number											
1	-	-	-	-	-	-									
2	-	-	-	-	-	-									
3	-	-	-	-	-	-									
4	-	-	-	-	-	-									
5	-	-	-	-	-	-									
6	0.5	Black/ Yellow	IC01AM	12	Window Power Relay Drive Output - Controlled B+	YBCM01									
7	-	-	-	-	-	-									
8	0.5	Blue	EJB1	16	Front Wiper High-Speed Relay Drive Output	YBCM01&C									
9	0.5	Pink/ Black	EJB1	90	Horn Relay Drive Output	YBCM01&C									
10	0.5	Blue/ Green	EJB1	95	High Beam Relay Drive Output	YBCM01&C									
11	-	-	-	-	-	-									
12	-	-	-	-	-	-									
13	-	-	-	-	-	-									
14	-	-	-	-	-	-									
15	-	-	-	-	-	-									
16	-	-	-	-	-	-									
17	-	-	-	-	-	-									
18	-	-	-	-	-	-									
19	-	-	-	-	-	-									
20	-	-	-	-	-	-									
21	0.5	Red/ Green	IC01BM	12	Steering Wheel Quick Dial Key Signal Input	NKLE01									
21	0.35	Yellow/ Red	SP20308	R	Steering Wheel Quick Dial Key Signal Input	YBCM01 & NKLE01									
22	-	-	-	-	-	-									
23	-	-	-	-	-	-									
24	0.5	Green/ White	SP_2100	L	Brake Switch Input	YBCM01									
25	-	-	-	-	-	-									
26	0.5	White	D2610	4	Left Front Turn Signal Fault Feedback Input	LEHD01									
27	0.5	Red/ Green	D2615	4	Right Front Turn Signal Fault Feedback Input	LEHD01									
28	0.5	Brown/ Green	EJB1	81	Low Beam Relay Drive Output	C&YBCM01									
29	0.5	Yellow/ Black	EJB1	11	Front Wiper Relay Drive Output	YBCM01&C									
30	-	-	-	-	-	-									
31	-	-	-	-	-	-									
32	0.35	Yell/Red	SP20308	R	Sunlight Sensor Light Intensity Input	YBCM01 & NKLE01									

D8301A Central Control Module CCM

1	4	7
2	5	8
3	6	9

Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	-	-	-	-	-	-
2	1.5	Orange/ Red	EJB1	41	External Light Power Supply 1	YBDC01&C
3	1	Red	EJB1	46	External Light Power Supply 2	YBDC01&C
4	-	-	-	-	-	-
5	-	-	-	-	-	-
6	-	-	-	-	-	-
7	-	-	-	-	-	-
8	2	Red/Black	EJB1	39	External Light Power Supply 3	YBDC01&C
9	-	-	-	-	-	-

D8301D Central Control Module CCM

16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17

Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	-	-	-	-	-	-
2	0.5	Pink/ Black	EJB1	90	Driving Horn Relay Drive Output	YBDC01&C
3	-	-	-	-	-	-
4	-	-	-	-	-	-
5	0.35	Blue	EJB1	65	IGN2 Feedback Input	YBDC01&C
6	0.5	Black	SP_M306	R	Body Ground	YBDC01
7	0.5	Green/ White	SP_2100	R	Brake Light Switch	YBDC01
8	0.5	Blue/ Yellow	D5025	3	Front Wiper Stop Position	YBDC01
9	0.35	Pink	SP_9011G	R	Chassis CAN_L	YBDC01
10	0.35	Blue	SP_9010G	R	Chassis CAN_H	YBDC01
11	0.5	Brown/ Green	EJB1	81	Low Beam Relay Drive Output	YBDC01&C
12	0.5	Yellow/ Black	EJB1	11	Front Wiper Relay Drive Output	YBDC01&C
13	-	-	-	-	-	-
14	-	-	-	-	-	-
15	-	-	-	-	-	-
16	-	-	-	-	-	-
17	-	-	-	-	-	-
18	0.5	Blue/ Green	EJB1	95	High Beam Relay Drive Output	YBDC01&C
19	0.5	Blue	EJB1	16	Front Wiper High-Speed Relay Drive Output	YBDC01&C
20	0.5	Black/ Yellow	IC01AM	3	Right Rear Door Status Input	YBDC01&RHOT01
21	0.5	Black/ Yellow	IC01AM	14	Coil-assisted Door Handle Controlled Power Output	YBDC01
22	-	-	-	-	-	-
23	0.35	Black/ Red	IC01AM	15	Master Door Unlock Status Input	YBDC01
24	0.35	Red	IC01AM	10	Engine Compartment Sensor Ground	YBDC01
25	-	-	-	-	-	-
26	-	-	-	-	-	-
27	0.35	Yellow/ Red	IC01AM	4	Passenger Door Status Input	YBDC01
28	-	-	-	-	-	-
29	-	-	-	-	-	-
30	-	-	-	-	-	-
31	0.35	Yellow	EJB1	100	Front Washer Relay Output	YBDC01&C
32	0.5	Green/ White	EJB1	85	IG2 Relay Drive Output	YBDC01&C

Front Harness Terminal Definitions

EJB-1 Engine Compartment Fuse Box

Pin	Wire Diameter	Wire Color	Connected Pin		Configuration
			Connector Number	Pin Number	
1	1	Green/ Yellow	SP8845	R	C
2	1	Green	D2610B	1	LEHD03
2	1	Green/ Yellow	D2610	9	C && LEHD01
3	1	Green/ Yellow	SP8845	R	C
4	0.5	Green	IC03AM	15	LEHD03
4	1	Green	D2615	9	C && LEHD01
5	1	Red/ Yellow	SP8846	R	LEHD03
6	1	Green/ Yellow	D2615B	1	LEHD03
7	1	Green	SP8846	R	LEHD03
8	0.5	Green	IC03AM	14	LEHD03
9	2	White	EJB1	14	C
10	2	White	EJB1	50	C
11	0.5	Yellow/ Black	D8301D	12	YBDC01&&C
11	0.5	Yellow/ Black	D8300B	29	YBCM01&&C
12	2	Black	SP_M305	L	C
13	0.35	Green	SP32204	R	C
14	2	White	EJB1	9	C
15	2	Green/ Yellow	D5025	1	C
16	0.5	Blue	D8301D	19	YBDC01&&C
16	0.5	Blue	D8300B	8	YBCM01&&C
17	2	Yellow	D5025	2	C
18	0.35	Green	SP32204	R	C
19	2	Red/ Yellow	IC01AM	30	C
20	0.5	Blue	D7025A	36	C&&YIBC01
20	0.5	Pink	D7025	36	C&&YESC01
21	0.5	Orange	SP8811	L	C
22	0.5	Red/ Green	D2530	4	C&& NKLE01
22	0.5	Green	D2610B	7	LEHD03 && C
22	0.5	Green	D2615B	7	LEHD03 && C
23	0.5	Green/ White	IC02BM	3	C
24	-	-	-	-	-
25	-	-	-	-	-
26	-	-	-	-	-
27	-	-	-	-	-
28	-	-	-	-	-
29	-	-	-	-	-
30	-	-	-	-	-
31	-	-	-	-	-
32	0.5	W/B	D1500A	3	C
33	-	-	-	-	-
34	0.75	G/Y	EJB1	96	YBDC01&&C
34	1.5	O	D8300A	7	YBCM01&&C
35	-	-	-	-	-
36	-	-	-	-	-
37	1	W	SP32208	R	C
38	1	R	SP32201	R	C
39	2	R/B	D8301A	8	YBDC01&&C
39	2	R/B	D8300A	6	YBCM01&&C
40	0.5	BR/G	EJB1	98	YESC01&&C
41	1.5	O/R	D8301A	2	YBDC01&&C
41	2	R/B	D8300A	3	YBCM01&&C
42	-	-	-	-	-
43	-	-	-	-	-

Pin	Wire Diameter	Wire Color	Connected Pin		Configuration
			Connector Number	Pin Number	
44	0.5	G	SP32204	R	C
45	-	-	-	-	-
46	1	R	D8301A	3	YBCD01&C
46	1.5	BR	D8300A	12	YBCM01&C
47	0.75	G/Y	EJ1B	86	C
48	0.75	L	IC02BM	14	C
49	-	-	-	-	-
50	2	W	EJ1B	10	C
51	1	R	SP32202	R	C
52	1.5	W	SP8844	R	-
54	-	-	-	-	-
55	0.5	O/R	D2020	2	C
56	-	-	-	-	-
57	1.5	W	SP8843	R	LEHD03
58	6	Y	D7025A	14	C&&YBC01
58	4	Y	D7025	30	C&&YESC01
59	-	-	-	-	-
60	3	L	IC03AM	26	C
61	6	Y	D7025A	46	C&&YBC01
61	4	Y	D7025	1	C&&YESC01
62	3	W	IC01AM	11	RHD0101&C
63	0.5	G	SP8845	R	ALL
64	0.5	G	D2610	7	LEHD01
64	0.5	G	D2615	7	LEHD01
64	0.5	R/G	D2680	1	LEHD03 & C
65	0.5	L	D8301D	5	YBCD01&C
65	0.5	L	IC01AM	9	YBCM01&C
66	4	Y	EJ1B	83	C
67	3	W	IC03AM	12	C
68	2.5	W	EJ1B	96	YESC01&C
69	2.5	R/W	IC03AM	19	(TDP502)(TDP508)(TDP507)&C
70	-	-	-	-	-
71	4	Y	IC01CM	2	C
72	-	W	SP32208	R	C
73	1	L	IC02AM	7	C
74	0.35	BR/G	SP32208	R	C
75	-	-	-	-	-
76	0.35	O	IC02AM	5	C
77	1.5	W	SP8844	R	C
78	2	G/Y	SP8845	R	ALL
79	0.5	W	SP8844	R	C
80	-	-	-	-	-
81	0.5	BR/G	D8301D	11	YBCD01&C
81	0.5	BR/G	D8300B	28	C&&YBCM01
82	0.35	B	SP_M306	L	C
83	4	Y	EJ1B	66	C
84	-	-	-	-	-
85	0.5	G/W	D8301D	32	YBCD01&C
85	0.5	G/W	IC01AM	8	YBCM01&C
86	0.75	G/Y	EJ1B	47	C
87	0.75	R/Y	D2521	1	C
88	0.35	G	SP32204	R	C
89	-	-	-	-	-
90	0.5	P/B	D8301D	2	YBCD01&C
90	0.35	G/W	IC01AM	26	C
90	0.5	P/B	D8300B	9	YBCM01&C
91	1.5	W	SP8843	R	LEHD03
92	1.5	BR	SP8846	R	LEHD03
93	0.5	W	SP8843	R	LEHD03
94	-	-	-	-	-
95	0.5	L/G	D8301D	18	YBCD01&C
95	0.5	L/G	D8300B	10	YBCM01&&LEHD03
96	2.5	W	EJ1B	68	YESC01&C
96	0.75	G/Y	EJ1B	34	YBCD01&C
97	0.75	G/Y	D5015	1	YBCD01&C
97	2.5	W	IC02AM	1	YESC01&C
98	0.35	G	SP32204	R	YBCD01&C
98	0.5	BR/G	EJ1B	40	YESC01&C
99	-	-	-	-	-
100	0.35	Y	D8301D	31	YBCD01&C
100	0.5	W/R	IC02AM	6	YESC01&C
101	-	-	-	-	-
102	-	-	-	-	-
103	-	-	-	-	-
104	-	-	-	-	-
105	-	-	-	-	-

D1261 Accelerator Pedal



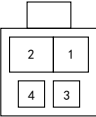
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.5	Red	IC02AM	19	Power 1	ALL
2	0.5	Yellow	IC02AM	15	Signal 1	ALL
3	0.5	White	IC02AM	14	Ground 1	ALL
4	0.5	Brown	IC02AM	21	Ground 2	ALL
5	0.5	Green	IC02AM	22	Power 2	ALL
6	0.5	Orange	IC02AM	20	Signal 2	ALL

D1510 Cooling Fan Motor



Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	8	Red	D1500B	1	Power Supply	ALL
2	8	Black	GP302	1	Ground	ALL

D2020 Brake Light Switch



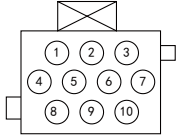
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.5	Green/White	SP_2100	R	First Signal	ALL
2	0.5	Orange/Red	EJB1	55	B+	C
3	0.5	Red/Green	IC02BM	5	Second Signal	ALL
4	0.5	Black	IC01AM	5	IGN	ALL

D2521 High Tone Horn



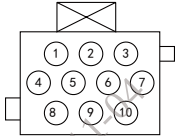
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.75	Red/Yellow	EJB1	87	Power Supply	C
2	0.75	Black	GP307	1	Ground	ALL

D2610 Left Front Headlight



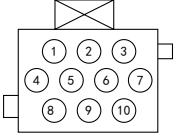
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	-	-	-	-	-	-
2	0.5	Black/Yellow	IC03AM	24	PL+	LEHD01
3	0.5	Green/White	IC03AM	10	TI+	LEHD01
4	0.5	White	D8300B	26	Steering Fault Feedback	LEHD01
5	0.75	Black	SP_M303	R	DR/L/PL/TI/Motor-	LEHD01
6	0.35	White	SP8302	R	Dimmer Motor Signal Input	LEHD01
7	0.5	Green	EJB1	64	Dimmer Motor+	LEHD01
8	0.5	Brown	SP22931	L	HB+	LEHD01
9	1	Green/Yellow	EJB1	2	Low Beam+	C & LEHD01
10	1	Black	SP_M303	R	HB-/LB-	LEHD01

D2610B Left Front Headlight



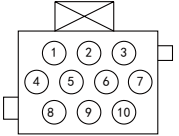
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	1	Green	EJB1	2	KL30	LEHD03
2	0.35	White	SP22927	R	LIN Signal	LEHD03
3	-	-	-	-	-	-
4	-	-	-	-	-	-
5	-	-	-	-	-	-
6	0.35	White	SP8302	R	Dimmer Motor Signal Input	LEHD03
7	0.5	Green	EJB1	22	Dimmer Motor Power IGN	LEHD03 & C
8	-	-	-	-	-	-
9	-	-	-	-	-	-
10	1	Black	SP_M303	L	Ground	LEHD03

D2615 Right Front Headlight



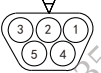
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	-	-	-	-	-	-
2	0.5	Black/Blue	IC03AM	23	PL+	LEHD01
3	0.5	Brown/Green	IC03AM	7	TI+	LEHD01
4	0.5	Red/Green	D8300B	27	Steering Fault Feedback	LEHD01
5	0.5	Black	SP2874	R	DR/L/PL/TI/Motor-	LEHD01
6	0.35	White	SP8302	L	Dimmer Motor Signal Input	LEHD01
7	0.5	Green	EJB1	64	Dimmer Motor+	LEHD01
8	0.5	Brown	SP22931	R	HB+	LEHD01
9	1	Green	EJB1	4	Low Beam+	C & LEHD01
10	1	Black	SP2874	R	HB-/LB-	LEHD01

D2615B Right Front Headlight



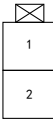
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	1	Green/Yellow	EJB1	6	KL30	LEHD03
2	0.35	White	SP22927	L	LIN Signal	LEHD03
3	-	-	-	-	-	-
4	-	-	-	-	-	-
5	-	-	-	-	-	-
6	0.35	White	SP8302	L	Dimmer Motor Signal Input	LEHD03
7	0.5	Green	EJB1	22	Dimmer Motor Power IGN	LEHD03 & C
8	-	-	-	-	-	-
9	-	-	-	-	-	-
10	1	Black	SP2874	R	Ground	LEHD03

D2680 AEOLUS Indicator Light



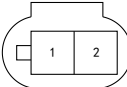
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.5	Red/Green	EJB1	64	B+	LEHD03 & C
2	0.5	Black	SP_M303	L	Ground	LEHD03
3	0.35	Green/Black	SP22927	R	LIN Signal	LEHD03
4	-	-	-	-	-	-
5	-	-	-	-	-	-

D4400 Brake Fluid Level Switch



Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.35	Red/Green	IC01AM	20	Signal	YESC01
2	0.35	Black	SP_M306	L	Ground	YESC01

D4400A Brake Fluid Level Switch



Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.35	Black	SP_M306	L	Ground	YIBC01
2	0.35	Red/Green	D7025A	38	Signal	YIBC01

D5015 Washer Pump



Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.75	Pink	D8300A	10	+	YBCM01
1	0.75	Green/Yellow	EJB1	97	+	YBDC01&C
2	0.75	Black	SP2874	R	-	ALL

D5025 Front Wiper Motor



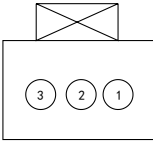
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	2	Green/Yellow	EJB1	15	High Speed	C
2	2	Yellow	EJB1	17	Low Speed	C
3	0.5	Blue/Yellow	D8300A	8	Return	YBCM01
3	0.5	Blue/Yellow	D8301D	8	Return	YBDC01
4	2	Black	SP_M305	R	Ground	ALL

D7516 Front View Camera



Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.5	Yellow/Green	IC01DM	1	Signal	IAVW01&I/APA01
1	0.5	Yellow/Green	IC03DM	1	Signal	IAPA01
2	0.5	Green	IC01DM	2	Ground	IAVW01&I/APA01
2	0.5	Green	IC03DM	2	Ground	IAPA01

D1620 Motor Coolant Temperature Sensor

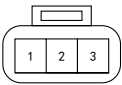


Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.5	Blue	IC02BM	2	Ground	ALL
2	-	-	-	-	-	-
3	0.5	Pink	IC02BM	1	Signal	ALL

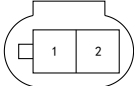
Front Harness Terminal

Definitions

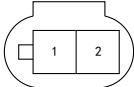
D4441 Vacuum Pressure Sensor

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.5	Blue/Yellow	IC02BM	6	Signal	YESC01
2	0.5	Black/Green	IC02BM	7	Ground	YESC01
3	0.5	Red/White	IC02BM	8	Power Supply	YESC01

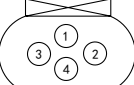
D7000 Front Wheel Speed Sensor-Left

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.5	Pink	D7025	7	Signal	YESC01
1	0.5	Pink	D7025A	7	Signal	YIBC01
2	0.5	Blue	D7025	24	Power Supply	YESC01
2	0.5	Blue	D7025A	21	Power Supply	YIBC01

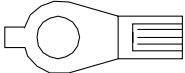
D7005 Front Wheel Speed Sensor-Right

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.5	Red	D7025	26	Signal	YESC01
1	0.5	Red	D7025A	26	Signal	YIBC01
2	0.5	Black/Blue	D7025	21	Power Supply	YESC01
2	0.5	Black/Blue	D7025A	42	Power Supply	YIBC01

D8009 Air Conditioning Pressure Switch

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.35	Black/Red	SP45616	R	High/Low Pressure Ground	ALL
2	0.35	Black/Orange	SP45616	R	Medium Pressure Ground	ALL
3	0.5	Pink	IC02AM	26	Medium Pressure Signal	ALL
4	0.5	Black	IC02AM	25	High/Low Pressure Signal	ALL

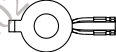
G103 Grounding Point

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	8	Black	SP_M7025	L	Grounding	YESC01

G103A Grounding Point

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	8	Black	SP_M7025A	R	Grounding	YIBC01

GP205 Grounding Point

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.75	Black	SP_M205A	R	Grounding	ALL

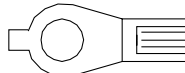
GP301 Grounding Point

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	2	Black	SP2874	L	Grounding	ALL

GP302 Grounding Point

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	8	Black	D1510	2	Grounding	ALL

GP303 Grounding Point

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	3	Black	SP_M303	L	Grounding	ALL

GP305 Grounding Point

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	4	Black	SP_M305	R	Grounding	ALL

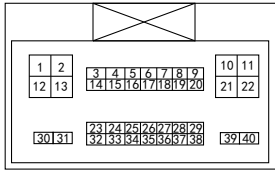
GP306 Grounding Point

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.75	Black	SP_M306	L	Grounding	ALL

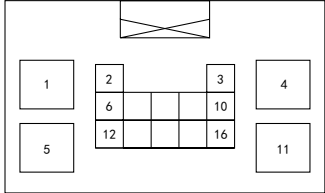
GP307 Grounding Point

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.75	Black	D2521	2	Grounding	ALL

IC01AM Front Wiring Harness to Instrument Panel Harness IC01AF

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration	
			Connector Number	Pin Number		
1	-	-	-	-	-	
2	-	-	-	-	-	
3	0.5	Black/Yellow	D8301D	20	YBDC01&RHOT01	
4	0.35	Yellow/Red	D8301D	27	YBDC01	
5	0.5	Black	D2020	4	ALL	
6	0.35	Yellow/Red	SP20308	L	YBCM01 & NKLE01	
7	0.35	White	SP8302	R	ALL	
8	0.5	Green/White	EJB1	85	YBCM01&C	
9	0.35	Blue	EJB1	65	YBCM01&C	
10	0.35	Red	D8301D	24	YBDC01	
11	3	White	EJB1	62	RHOT01&C	
12	0.5	Black/Yellow	D8300B	6	YBCM01	
13	-	-	-	-	-	
14	0.5	Black/Yellow	D8301D	21	YBDC01	
15	0.35	Black/Red	D8301D	23	YBDC01	
16	0.35	Brown	D7025	16	YESC01	
16	0.35	Yellow	D7025A	15	YIBC01	
17	0.35	Brown	D7025A	44	YIBC01	
17	0.35	Yellow	D7025	15	YESC01	
18	0.35	Black/Blue	D7025	32	YESC01	
18	0.35	Green	D7025A	28	YIBC01	
19	0.35	Black/Blue	D7025A	17	YIBC01	
19	0.35	Green	D7025	31	YESC01	
20	0.35	Red/Green	D4400	1	YESC01	
21	-	-	-	-	-	
22	-	-	-	-	-	
23	0.5	Red/Green	D2530A	4	C & NKLE01	
24	0.35	Yellow/Green	SP22927	L	YBDC01 & LEHD03	
25	-	-	-	-	-	
26	0.35	Green/White	EJB1	90	C	
27	-	-	-	-	-	
28	0.35	Blue	D1450	23	YBCM01	
29	0.35	Pink	D1450	24	YBCM01	
30	2	Red/Yellow	EJB1	19	C	
31	0.35	Yellow/Green	SP22927	L	YBCM01 & LEHD03	
32	-	-	-	-	-	
33	0.35	Blue	SP_9040E	L	ALL	
34	0.35	Pink	SP_9041E	L	ALL	
35	-	-	-	-	-	
36	-	-	-	-	-	
37	0.5	Blue	IC02BM	15	ALL	
38	0.5	Pink	IC02BM	16	ALL	
39	-	-	-	-	-	
40	-	-	-	-	-	

IC01BM Front Wiring Harness to Instrument Panel Harness IC01BF

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration	
			Connector Number	Pin Number		
1	-	-	-	-	-	
2	-	-	-	-	-	
3	-	-	-	-	-	
4	1.5	Orange/Red	D8300A	4	YBCM01&C	
5	-	-	-	-	-	
6	0.35	Blue	SP_9010G	L	ALL	
7	0.35	Pink	SP_9011G	L	ALL	
8	0.35	Yellow	IC02AM	11	ALL	
9	0.35	Green/White	IC02AM	12	ALL	
10	0.5	Green/White	IC02AM	13	ALL	
11	-	-	-	-	-	
12	0.5	Red/Green	D8300B	21	NKLE01	
13	-	-	-	-	-	
14	-	-	-	-	-	
15	0.5	Yellow	SP25014	R	ALL	
16	0.5	White	SP25015	R	ALL	

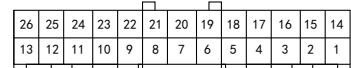
IC01CM Front Wiring Harness to Instrument Panel Harness IC01CF

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration	
			Connector Number	Pin Number		
1	-	-	-	-	-	
2	4	Yellow	EJB1	71	C	

IC01DM Front Wiring Harness to Instrument Panel Harness IC01DF

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration	
			Connector Number	Pin Number		
1	0.5	Yellow/Green	D7516	1	IAVW01&IAPAO1	
2	0.5	Green	D7516	2	IAVW01&IAPAO1	

IC02AM Front Wiring Harness to Front Powertrain Harness IC02AF

												
26	25	24	23	22	21	20	19	18	17	16	15	14
13	12	11	10	9	8	7	6	5	4	3	2	1

Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
			Connector Number	Pin Number	
1	2.5	White	EJB1	97	YESC01&C
2	0.5	Orange	ICE1M	6	ALL
3	0.5	Orange	D1500A	1	ALL
4	0.5	Blue/Red	D1500A	2	ALL
5	0.35	Orange	EJB1	76	C
6	0.5	White/Red	EJB1	100	YESC01&C
7	1	Blue	EJB1	73	C
8	0.5	Brown	ICE1M	10	ALL
9	0.5	Blue	ICE1M	5	ALL
10	0.5	Green/White	SP25016	R	ALL
11	0.35	Yellow	IC01BM	8	ALL
12	0.35	Green/White	IC01BM	9	ALL
13	0.5	Green/White	IC01BM	10	ALL
14	0.5	White	D1261	3	ALL
15	0.5	Yellow	D1261	2	ALL
16	0.5	Red	ICE1M	1	ALL
17	0.5	Green	SP24900	R	ALL
18	0.5	Yellow	ICE1M	3	ALL
19	0.5	Red	D1261	1	ALL
20	0.5	Orange	D1261	6	ALL
21	0.5	Brown	D1261	4	ALL
22	0.5	Green	D1261	5	ALL
23	0.5	Gray	ICE1M	7	ALL
24	0.5	White	ICE1M	8	ALL
25	0.5	Black	D8009	4	ALL
26	0.5	Pink	D8009	3	ALL

Front Harness Terminal Definitions

IC03AM Front Wiring Harness to Passenger Compartment Harness IC03AF

1 2 5 19 6 13 20 7 14 21 8 15 22 9 16 23 10 17 24 11 18 25 12 26 3 4					
Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
			Connector Number	Pin Number	
1	0.5	Brown	SP22931	L	LEHD01
1	0.35	Brown	IC05M	1	IAPA01
2	0.35	Red/ White	IC05M	3	IAPA01
3	0.35	Blue	D1450	23	YBDC01
4	0.35	Pink	D1450	24	YBDC01
5	-	-	-	-	-
6	2	White	D7025	13	YESCO1
6	2	White	D7025A	13	YIBC01
7	0.5	Brown/ Green	D2615	3	LEHD01
7	0.35	White/ Black	IC05M	5	IAPA01
8	0.35	Orange/ Blue	D1450	31	
9	0.35	Gray/ Purple	IC05M	6	IAPA01
10	0.5	Green/ White	D2610	3	LEHD01
10	0.35	Brown/ Blue	IC05M	7	IAPA01
11	2	White/ Black	D7025	12	YESCO1
11	2	White/ Black	D7025A	12	YIBC01
12	3	White	EJB1	67	C
13	0.35	Brown/ Green	IC05M	4	IAPA01
14	0.5	Green	EJB1	8	LEHD03
15	0.5	Green	EJB1	4	LEHD03
16	0.5	Yellow	D7025	39	YESCO1
16	0.5	Yellow	D7025A	39	YIBC01
17	0.5	Brown/ Green	D7025	23	YESCO1
17	0.5	Brown/ Green	D7025A	23	YIBC01
18	-	-	-	-	-
19	2.5	Red/ White	EJB1	69	(TDP502)(TDP506)(TDP507)&C
20	2	White/ Blue	D7025	2	YESCO1
20	2	White/ Blue	D7025A	2	YIBC01
21	0.5	Red/ Green	D7025	22	YESCO1
21	0.5	Red/ Green	D7025A	20	YIBC01
22	0.5	Orange/ Red	D7025	37	YESCO1
22	0.5	Orange/ Red	D7025A	37	YIBC01
23	0.5	Black/ Blue	D2615	2	LEHD01
23	0.35	Orange	IC05M	8	IAPA01
24	0.5	Black/ Yellow	D2610	2	LEHD01
24	0.35	Black/ Orange	IC05M	2	IAPA01
25	2	Green	D7025	3	YESCO1
25	2	Green	D7025A	3	YIBC01
26	3	Blue	EJB1	60	C

IC03DM Front Wiring Harness to Passenger Compartment Harness IC03DF

Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
			Connector Number	Pin Number	
1	0.5	Yellow/Green	D7516	1	IAPA01
2	0.5	Green	D7516	2	IAPA01

IC05M Front Wiring Harness to Front Bumper Harness IC05F

Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
			Connector Number	Pin Number	
1	0.35	Brown	IC03AM	1	IAPA01
2	0.35	Black/Orange	IC03AM	24	IAPA01
3	0.35	Red/White	IC03AM	2	IAPA01
4	0.35	Brown/Green	IC03AM	13	IAPA01
5	0.35	White/Black	IC03AM	7	IAPA01
6	0.35	Gray/Purple	IC03AM	9	IAPA01
7	0.35	Brown/Blue	IC03AM	10	IAPA01
8	0.35	Orange	IC03AM	23	IAPA01
9	-	-	-	-	-
10	-	-	-	-	-
11	-	-	-	-	-
12	-	-	-	-	-
13	-	-	-	-	-
14	-	-	-	-	-
15	-	-	-	-	-
16	-	-	-	-	-
17	-	-	-	-	-
18	-	-	-	-	-

IC01EM Front Wiring Harness to Instrument Panel Harness IC01EF

82635563 2024-11-11

1 2					
Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
			Connector Number	Pin Number	
1	8	White	EJB-4	1	C
2	8	Red	EJB-3	1	C

ICE1M Front Wiring Harness to Fast/Slow Charging Cable ICE1F

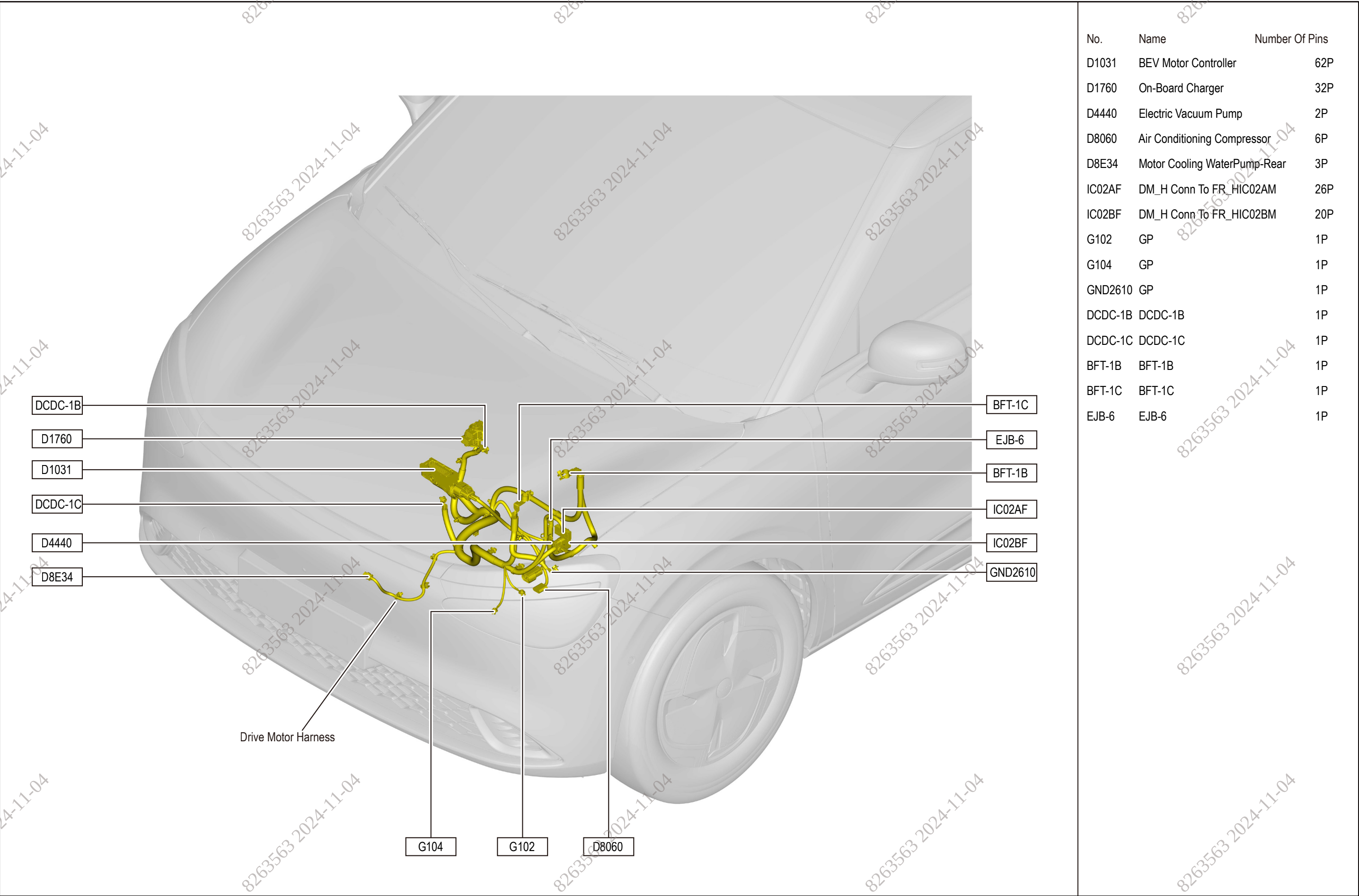
					
Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
			Connector Number	Pin Number	
1	0.5	Red	IC02AM	16	ALL
2	0.5	Green	SP24900	L	ALL
3	0.5	Yellow	IC02AM	18	ALL
4	0.5	Pink	SP24900	L	ALL
5	0.5	Blue	IC02AM	9	ALL
6	0.5	Orange	IC02AM	2	ALL
7	0.5	Gray	IC02AM	23	ALL
8	0.5	White	IC02AM	24	ALL
9	-	-	-	-	-
10	0.5	Brown	IC02AM	8	ALL
11	0.5	Orange	SP25016	L	ALL
12	0.5	Green/White	D1450	7	ALL
13	0.5	Yellow	SP25014	R	ALL
14	0.5	White	SP25015	L	ALL
15	-	-	-	-	-
16	0.5	Blue/Red	D1450	20	ALL
17	0.5	Brown	D1450	15	ALL
18	0.5	Green	D1450	16	ALL
19	0.5	Green/Yellow	D1450	17	ALL
20	0.5	Green/Red	D1450	18	ALL

Front Wiring Harness Splice Point List

Splice Point	Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
				Conductor Number	Pin Number	
SP_9011G	L	0.35	Pink	IC01BM	7	ALL
	L	0.35	Pink	D8301D	9	YBDC01
	R	0.35	Blue	IC01BM	6	ALL
SP_9010G	L	0.35	Blue	SP_9010E	L	ALL
	R	0.35	Blue	D8301D	10	YBDC01
	L	0.35	Yellow/Red	IC01AM	6	YBCM01 && NKLE01
SP20308	R	0.35	Yellow/Red	D8300B	32	YBCM01 && NKLE01
	R	0.35	Yellow/Red	D8300B	21	YBCM01 && NKLE01
	L	0.5	Green/White	D8301D	7	YBDC01
SP_2100	L	0.5	Green/White	D8300B	24	YBCM01
	L	0.5	Green/White	IC02BM	4	ALL
	R	0.5	Green/White	D2020	1	ALL
SP_M306	L	0.35	Black	EJB1	82	C
	L	0.75	Black	GP306	1	ALL
	L	0.35	Black	D4400A	1	YIBC01
SP25014	L	0.35	Black	D4400	2	YESCO1
	R	0.5	Black	D8301D	6	YBDC01
	L	0.5	Yellow	D1450	27	ALL
SP24900	R	0.5	Yellow	ICE1M	13	ALL
	R	0.5	Yellow	IC01BM	15	ALL
	L	0.5	Green	ICE1M	2	ALL
SP8302	L	0.5	Pink	ICE1M	4	ALL
	R	0.5	Green	IC02AM	17	ALL
	L	0.35	White	D2615	6	LEHD01
SP25016	L	0.35	White	D2615B	6	LEHD03
	R	0.35	White	D2610	6	LEHD01
	R	0.35	White	IC01AM	7	ALL
SP25015	R	0.35	White	D2610B	6	LEHD03
	L	0.5	Orange	ICE1M	11	ALL
	L	0.5	Orange	D1450	4	ALL
SP_9010E	R	0.5	Green/White	IC02AM	10	ALL
	L	0.5	White	ICE1M	14	ALL
	L	0.5	White	D1450	28	ALL
SP_9011E	R	0.5	White	IC01BM	16	ALL
	L	0.35	Blue	IC02BM	18	ALL
	L	0.35	Blue	SP_9010G	L	ALL
SP22931	L	0.35	Blue	D7025	5	YESCO1
	R	0.35	Blue	D7025A	5	YIBC01
	L	0.35	Pink	IC02BM	19	ALL
SP_M205A	L	0.35	Pink	SP_9011G	L	ALL
	L	0.35	Pink	D7025	19	YESCO1
	R	0.5	Brown	IC03AM	1	LEHD01
SP_M7025	L	0.5	Brown	D2610	8	LEHD01
	R	0.5	Brown	D2615	8	LEHD01
	L	0.5	Black	D1450	8	ALL
SP_M305	L	0.5	Black	D1450	6	ALL
	R	0.75	Black	GP205	1	ALL
	L	8	Black	G103	1	YESCO1
SP_M7025A	R	4	Black	D7025	46	YESCO1
	R	4	Black	D7025	14	YESCO1
	L	2	Black	EJB1	12	C
SP8846	R	4	Black	GP305	1	ALL
	R	2	Black	D5025	4	ALL
	L	6	Black	D7025A	30	SP8846
SP2874	L	6	Black	D7025A	1	YIBC01
	R	8	Black	G103A	1	YIBC01
	R	1.5	Brown	EJB1	92	LEHD03
SP8843	R	1	Red/Yellow	EJB1	5	LEHD03
	R	1	Green	EJB1	7	LEHD03
	L	2	Black	GP301	1	ALL
SP8845	R	0.75	Black	D5015	2	ALL
	R	1	Black	D2615	10	LEHD01
	R	0.5	Black	D2615	5	LEHD01
SP8844	R	1	Black	D2615B	10	LEHD03
	R	0.5	White	EJB1	93	LEHD03
	R	1.5	White	EJB1	91	LEHD03
SP8845	R	1.5	White	EJB1	57	LEHD03
	R	2	Green/Yellow	EJB1	78	ALL
	R	1	Green/Yellow	EJB1	1	C
SP8844	R	1	Green/Yellow	EJB1	3	C
	R	0.5	Green	EJB1	63	ALL
	R	1.5	White	EJB1	52	ALL
SP8844	R	0.5	White	EJB1	79	C
	R	1.5	White	EJB1	77	C

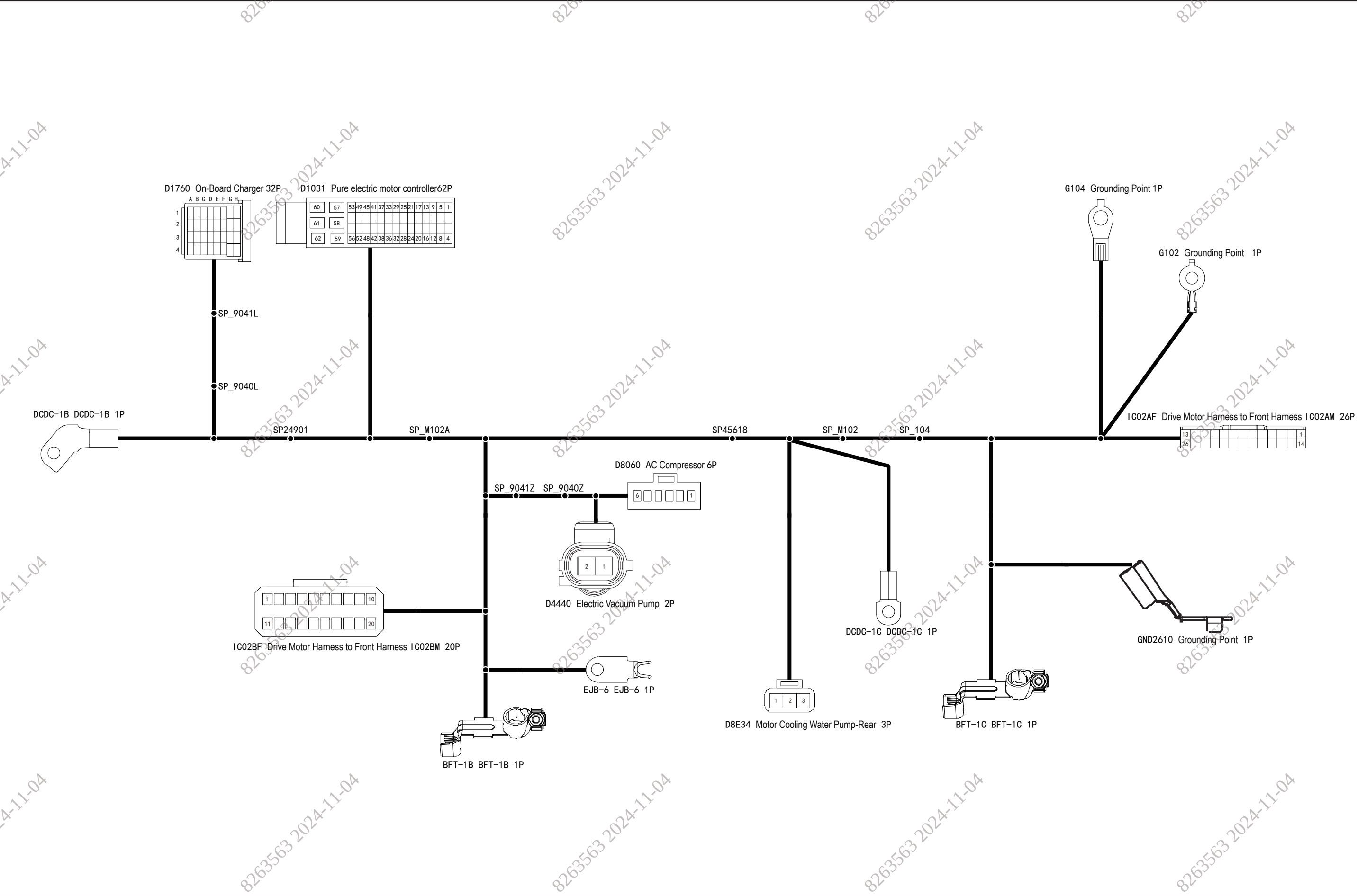
Splice Point	Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
				Connector Number	Pin Number	
SP32204	R	0.5	Green	EJB1	44	C
	R	0.35	Green	EJB1	13	C
	R	0.35	Green	EJB1	18	C
	R	0.35	Green	EJB1	98	YBDC01&C
	R	0.35	Green	EJB1	88	C
SP32208	R	1	White	EJB1	37	C
	R	1	White	EJB1	72	C
	R	0.35	Brown/ Green	EJB1	74	C
SP_9040E	L	0.35	Blue	IC02BM	9	ALL
	L	0.35	Blue	IC01AM	33	ALL
	R	0.35	Blue	D2530	1	NKLE01
SP32201	R	0.35	Blue	D2530A	1	NKLE01
	L	0.5	Yellow	D1450	2	C
	R	0.75	Red	IC02BM	20	C
	R	1	Red	EJB1	38	C
SP22927	L	0.35	Yellow/ Green	IC01AM	31	YBCM01 & LEHD03
	L	0.35	White	D2615B	2	LEHD03
	L	0.35	Yellow/ Green	IC01AM	24	YBDC01 & LEHD03
	R	0.35	White	D2610B	2	LEHD03
	R	0.35	Green/ Black	D2680	3	LEHD03
SP32202	L	0.5	Orange	D1450	11	C
	L	0.75	Red	IC02BM	17	C
	R	1	Red	EJB1	51	C
SP8811	L	0.5	Red	D1450	3	C
	L	0.5	Orange	EJB1	21	C
	R	0.5	Brown	IC02BM	11	C
SP_9041E	L	0.35	Pink	IC02BM	10	ALL
	L	0.35	Pink	IC01AM	34	ALL
	R	0.35	Pink	D2530	2	NKLE01
SP_M303	R	0.35	Pink	D2530A	2	NKLE01
	L	3	Black	GP303	1	ALL
	L	0.5	Black	D2530	3	NKLE01
	L	0.5	Black	D2530A	3	NKLE01
	L	1	Black	D2610B	10	LEHD03
	L	0.5	Black	D2680	2	LEHD03
	L	0.35	Black	SP45616	L	ALL
	R	1	Black	D2610	10	LEHD01
	R	0.75	Black	D2610	5	LEHD01
SP45616	L	0.35	Black	SP_M303	L	ALL
	R	0.35	Black/ Orange	D8009	2	ALL
	R	0.35	Black/ Red	D8009	1	ALL

Front Powertrain Harness Structural Diagram



No.	Name	Number Of Pins
D1031	BEV Motor Controller	62P
D1760	On-Board Charger	32P
D4440	Electric Vacuum Pump	2P
D8060	Air Conditioning Compressor	6P
D8E34	Motor Cooling WaterPump-Rear	3P
IC02AF	DM_H Conn To FR_HIC02AM	26P
IC02BF	DM_H Conn To FR_HIC02BM	20P
G102	GP	1P
G104	GP	1P
GND2610	GP	1P
DCDC-1B	DCDC-1B	1P
DCDC-1C	DCDC-1C	1P
BFT-1B	BFT-1B	1P
BFT-1C	BFT-1C	1P
EJB-6	EJB-6	1P

Front Powertrain Harness Structural Diagram



Front Powertrain Harness
Electrical Components List

Control Unit			
Component Number	Component Name	Number of Pins	Remarks
BFT-1B	BFT-1B	1P	-
BFT-1C	BFT-1B	1P	-
D1031	Pure Electric Motor Controller	62P	-
D1760	On-board Charger	32P	-
DCDC-1B	DCDC-1B	1P	-
DCDC-1C	DCDC-1B	1P	-
EJB-6	EJB-6	1P	-

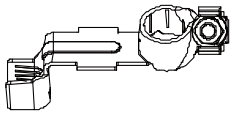
Appliances			
Component Number	Component Name	Number of Pins	Remarks
D4440	Electric Vacuum Pump	2P	-
D8060	Air Conditioning Compressor	6P	-
D8E34	Motor Cooling Water Pump-Rear	3P	-

Grounding Point			
Component Number	Component Name	Number of Pins	Remarks
G102	Grounding Point	1P	-
G104	Grounding Point	1P	-
GND2610	Grounding Point	1P	-

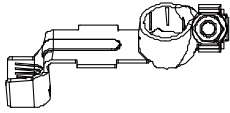
Docking Connector			
Component Number	Component Name	Number of Pins	Remarks
IC02AF	Front Powertrain Harness to Front Wiring Harness IC02AM	26P	-
IC02BF	Front Powertrain Harness to Front Wiring Harness IC02BM	20P	-

Front Powertrain Harness
Terminal Definitions

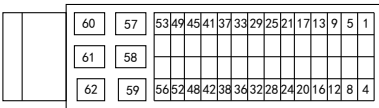
BFT-1B BFT-1B

					
Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
			Connector Number	Pin Number	
1	25	Red	DCDC-1B	1	ALL
1	25	Red	EJB-6	1	ALL

BFT-1C BFT-1C

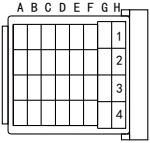
					
Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
			Connector Number	Pin Number	
1	25	Black	DCDC-1C	1	ALL
1	25	Black	GND2610	1	ALL

D1031 Pure Electric Motor Controller

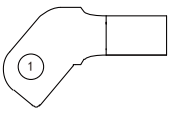
					
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function
			Connector Number	Pin Number	
1	-	-	-	-	-
2	-	-	-	-	-
3	-	-	-	-	-
4	-	-	-	-	-
5	0.5	Orange/Green	D1760	E2	High Voltage Relay 2-Low Voltage Relay
6	0.5	Yellow	D1760	H2	High Voltage Relay 2-Ground
7	-	-	-	-	-
8	-	-	-	-	-
9	0.5	Yellow/Black	D1760	D2	High Voltage Relay 1-Low Voltage Control
10	0.5	Black/Yellow	D1760	G2	High Voltage Relay 1-Ground
11	-	-	-	-	-
12	-	-	-	-	-
13	0.5	Brown	IC02BF	11	ON/RUN Wake-up
14	0.5	Green/White	D1760	A2	OBC Slow Charge Hardware Wake-up — Rising Edge Wake-up
15	-	-	-	-	-
16	0.5	Blue	IC02BF	2	Temperature Sensor T2 (Motor Water Pump Outlet Water Temperature) - Ground
17	-	-	-	-	-
18	0.5	Green/White	IC02AF	10	A+ Wake-up
19	0.5	Pink	IC02BF	1	Temperature Sensor T2 (Motor Water Pump Outlet Water Temperature) — Temperature Signal
20	0.35	Yellow	IC02AF	11	High Voltage Air PTC Temperature Sensor T1-Ground
21	0.5	Red/Green	IC02BF	5	Brake Pedal Switch
22	0.5	Green/White	IC02BF	4	Brake Light Switch
23	0.35	Green/White	IC02AF	12	High Voltage Air PTC Temperature Sensor T1- Temperature Signal
24	0.5	Red	IC02AF	19	Throttle Pedal Pull-Down Structure Sensor #1-Power
25	0.5	Black	IC02AF	25	Pressure Switch—High/Low Pressure
26	0.5	Black	IC02AF	26	Pressure Switch—Medium Pressure
27	0.5	White	IC02AF	14	Throttle Pedal Pull-Down Structure Accelerator Pedal Sensor #1-Ground
28	0.5	Yellow	IC02AF	15	Throttle Pedal Pull-Down Structure Sensor #1-Signal
29	-	-	-	-	-
30	-	-	-	-	-
31	0.5	Green	IC02AF	22	Throttle Pedal Pull-Down Structure Sensor #2-Power
32	0.5	Orange	IC02AF	20	Throttle Pedal Pull-Down Structure Sensor #2-Signal
33	0.5	Yellow	D8E34	2	Motor Water Pump EWP_1-Control
34	-	-	-	-	-
35	0.5	Brown	IC02AF	21	Throttle Pedal Pull-Down Structure Accelerator Pedal Sensor #2-Ground
36	0.5	Red/White	IC02BF	8	Brake Vacuum Pressure Sensor—VCC
37	-	-	-	-	-
38	0.5	Green/White	IC02AF	13	Temperature Control Switch—High Voltage Air PTC
39	0.5	Blue/Yellow	IC02BF	6	Brake Vacuum Pressure Sensor—Pressure Signal
40	0.5	Black/Green	IC02BF	7	Brake Vacuum Pressure Sensor—Ground
41	-	-	-	-	-
42	0.5	Orange	IC02AF	3	Cooling Fan FAN Relay 1-High Speed Relay
43	0.5	Blue/Red	IC02AF	4	Cooling Fan FAN Relay 2-Low Speed Relay
44	0.5	White	IC02AF	6	Electric Vacuum Pump Relay (Low Side)
45	-	-	-	-	-

Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	
			Connector Number	Pin Number		
46	0.35	Orange	IC02AF	5	Thermal Management Relay 2 Control, Motor Water Pump Relay	ALL
47	0.35	Pink	IC02BF	19	CANL1	ALL
48	0.35	Blue	IC02BF	18	CANH1	ALL
49	-	-	-	-	-	-
50	-	-	-	-	-	-
51	0.5	Pink	IC02BF	16	Fast Charge CANL	ALL
52	0.5	Blue	IC02BF	15	Fast Charge CANH	ALL
53	0.35	Pink	SP_9041L	L	CANL0	ALL
54	0.35	Blue	SP_9040L	L	CANH0	ALL
55	-	-	-	-	-	-
56	-	-	-	-	-	-
57	-	-	-	-	-	-
58	0.75	Red	IC02BF	20	-	ALL
59	0.75	Red	IC02BF	17	-	ALL
60	-	-	-	-	-	-
61	0.75	Black	SP_M102A	R	-	ALL
62	0.75	Black	SP_M102A	R	-	ALL

D1760 Onboard Charger

					
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function
			Connector Number	Pin Number	
A1	0.5	Red	IC02AF	16	L_TEMP+
B1	0.5	Green	SP24901	R	L_TEMP-
C1	0.5	Yellow	IC02AF	18	N_TEMP+
D1	0.5	Green	SP24901	R	N_TEMP-
E1	-	-	-	-	-
F1	-	-	-	-	-
G1	-	-	-	-	-
H1	0.75	Blue	IC02BF	14	Power Supply
A2	0.5	Green/White	D1031	14	WU_OUT1
B2	-	-	-	-	-
C2	0.5	Green/Red	SP45618	R	Power Supply
D2	0.5	Yellow/Black	D1031	9	ptc1+
E2	0.5	Orange/Green	D1031	5	ptc2+
F2	-	-	-	-	-
G2	0.5	Black/Yellow	D1031	10	PTC1-
H2	0.5	Yellow	D1031	6	PTC2-
A3	0.5	Blue	IC02AF	9	CC
B3	0.5	Orange	IC02AF	2	CP
C3	-	-	-	-	-
D3	-	-	-	-	-
E3	-	-	-	-	-
F3	-	-	-	-	-
G3	-	-	-	-	-
H3	0.5	White	IC02AF	24	AC_Plug_Lock
A4	0.35	Blue	SP_9040L	R	CAN1-H
B4	0.35	Pink	SP_9041L	R	CAN1-L
C4	0.35	Red	D8060	5	HVIL_IN
D4	0.35	Green	IC02BF	13	HVIL_OUT
E4	0.5	Brown	IC02AF	8	AC_Plug_Lock_Sig
F4	-	-	-	-	-
G4	0.5	Black	SP_M102	R	Power Supply
H4	0.5	Gray	IC02AF	23	AC_Plug_Unlock

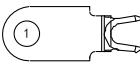
DCDC-1B DCDC-1B

					
Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
			Connector Number	Pin Number	
1	25	Red	BFT-1B	1	ALL

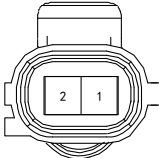
DCDC-1C DCDC-1C

					
Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
			Connector Number	Pin Number	
1	25	Black	BFT-1C	1	ALL

EJB-6 EJB-6

					
Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
			Connector Number	Pin Number	
1	25	Red	BFT-1B	1	ALL

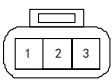
D4440 Electric Vacuum Pump

					
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function
			Connector Number	Pin Number	
1	2.5	White	IC02AF	1	Power Supply
2	2.5	Black	SP_104	R	Ground

D8060 Air Conditioning Compressor

					
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function
			Connector Number	Pin Number	
1	0.35	Pink	SP_9041Z	L	LV-P6
2	0.35	Blue	SP_9040Z	L	LV-P5
3	0.35	Black	SP_M102	R	Ground
4	0.35	Orange	IC02BF	12	LV-P3
5	0.35	Red	D1760	C4	LV-P2
6	0.5	Green/White	SP45618	R	Power Supply

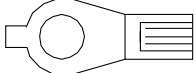
D8E34 Motor Cooling Water Pump-Rear

					
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function
			Connector Number	Pin Number	
1	1	Black	SP_104	R	Power Negative
2	0.5	Yellow	D1031	33	Fault Signal Output
3	1	Blue	IC02AF	7	Power Positive

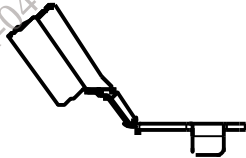
G102 Grounding Point

					
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function
			Connector Number	Pin Number	
1	1.5	Black	SP_M102	L	Grounding

G104 Grounding Point

					
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function
			Connector Number	Pin Number	
1	3	Black	SP_104	L	Grounding

GND2610 Grounding Point

					
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function
			Connector Number	Pin Number	
1	25	Black	BFT-1C	1	Grounding

IC02AF Front Powertrain Harness to Front Wiring Harness IC02AM

					
Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
			Connector Number	Pin Number	
1	2.5	White	D4440	1	ALL
2	0.5	Orange	D1760	B3	ALL
3	0.5	Orange	D1031	42	ALL
4	0.5	Blue/Red	D1031	43	ALL
5	0.35	Orange	D1031	46	ALL
6	0.5	White	D1031	44	ALL
7	1	Blue	D8E34	3	ALL
8	0.5	Brown	D1760	E4	ALL
9	0.5	Blue	D1760	A3	ALL
10	0.5	Green/White	D1031	18	ALL
11	0.35	Yellow	D1031	20	ALL
12	0.35	Green/White	D1031	23	ALL
13	0.5	Green/White	D1031	38	ALL
14	0.5	White	D1031	27	ALL
15	0.5	Yellow	D1031	28	ALL
16	0.5	Red	D1760	A1	ALL
17	0.5	Green	SP24901	L	ALL
18	0.5	Yellow	D1760	C1	ALL
19	0.5	Red	D1031	24	ALL
20	0.5	Orange	D1031	32	ALL
21	0.5	Brown	D1031	35	ALL
22	0.5	Green	D1031	31	ALL
23	0.5	Gray	D1760	H4	ALL
24	0.5	White	D1760	H3	ALL
25	0.5	Black	D1031	25	ALL
26	0.5	Black	D1031	26	ALL

IC02BF Front Powertrain Harness to Front Wiring Harness IC02BM

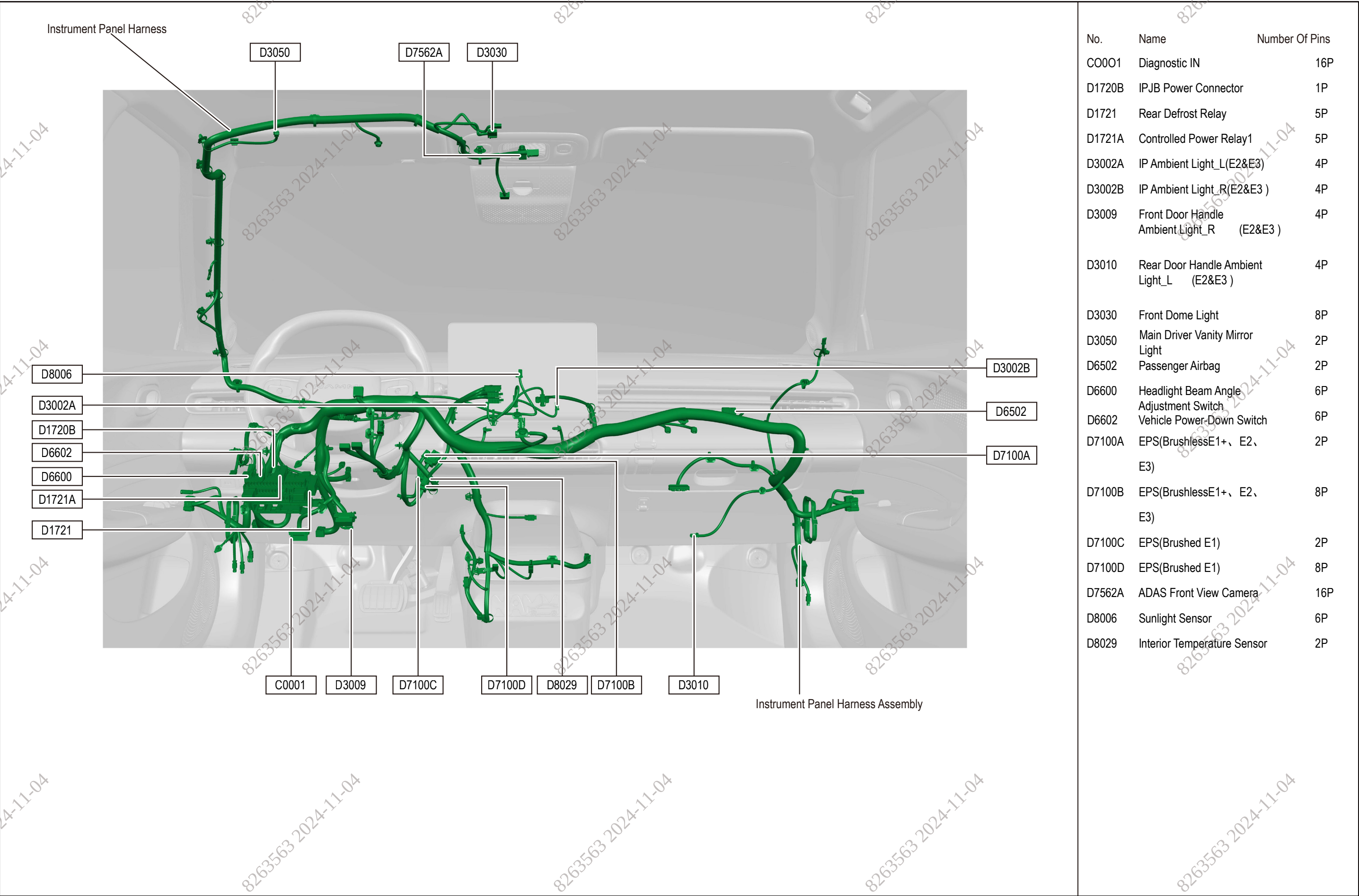
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Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
			Connector Number	Pin Number	
1	0.5	Pink	D1031	19	ALL
2	0.5	Blue	D1031	16	ALL
3	0.5	Green/White	SP45618	L	ALL
4	0.5	Green/White	D1031	22	ALL
5	0.5	Red/Green	D1031	21	ALL
6	0.5	Blue/Yellow	D1031	39	YESCO1
7	0.5	Black/Green	D1031	40	YESCO1
8	0.5	Red/White	D1031	36	YESCO1
9	0.35	Blue	SP_9040Z	R	ALL
10	0.35	Pink	SP_9041Z	R	ALL
11	0.5	Brown	D1031	13	ALL
12	0.35	Orange	D8060	4	ALL
13	0.35	Green	D1760	D4	ALL
14	0.75	Blue	D1760	H1	ALL
15	0.5	Blue	D1031	52	ALL
16	0.5	Pink	D1031	51	ALL
17	0.75	Red	D1031	59	ALL
18	0.35	Blue	D1031	48	ALL
19	0.35	Pink	D1031	47	ALL
20	0.75	Red	D1031	58	ALL

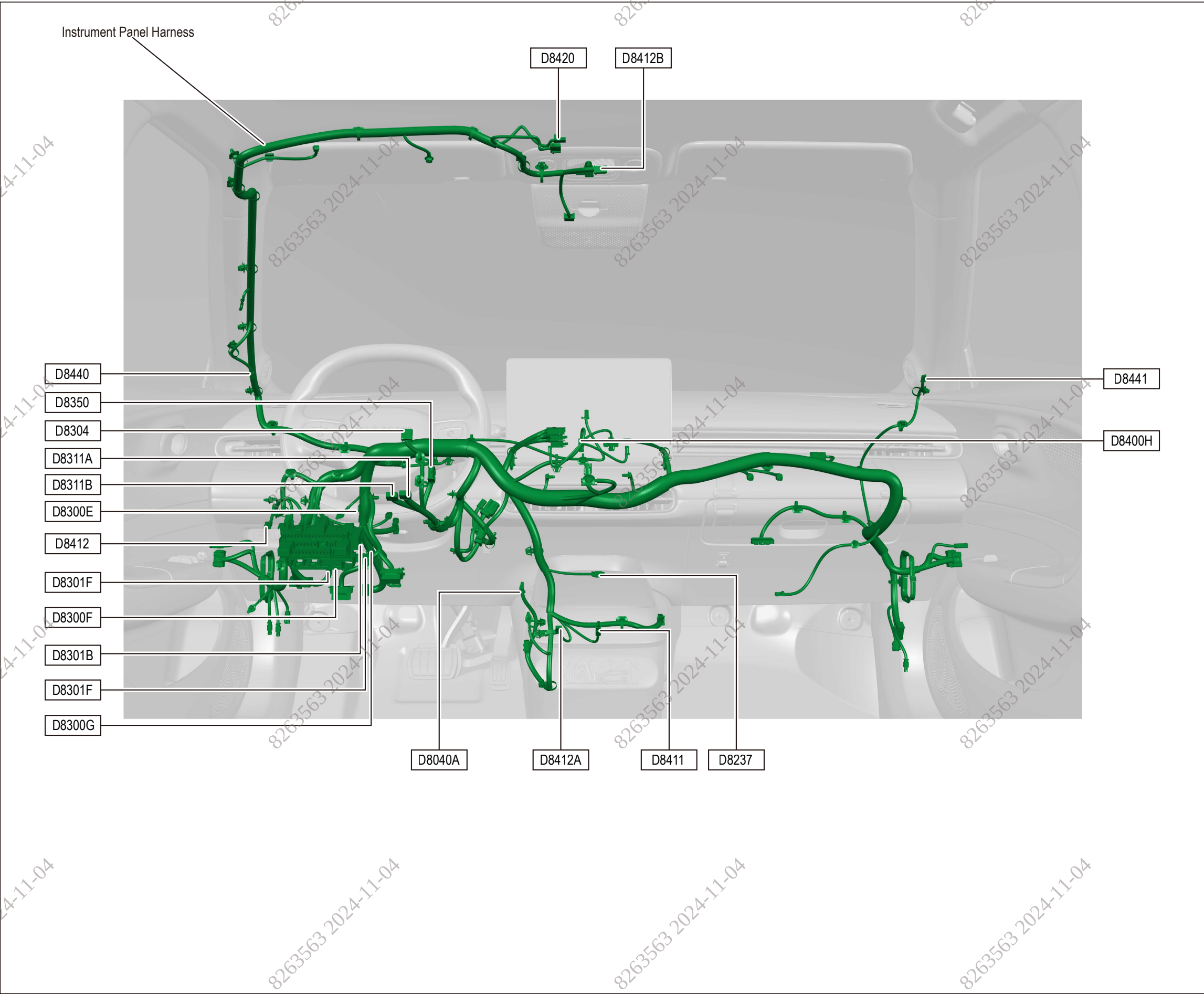
Front Powertrain Harness Splice Point List

Splice Point	Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
				Connector Number	Pin Number	
SP24901	L	0.5	Green	IC02AF	17	ALL
	R	0.5	Green	D1760	B1	ALL
	R	0.5	Green	D1760	D1	ALL
SP_9041L	L	0.35	Pink	D1031	53	ALL
	L	0.35	Pink	SP_9041Z	R	ALL
	R	0.35	Pink	D1760	B4	ALL
SP_9040L	L	0.35	Blue	D1031	54	ALL
	L	0.35	Blue	SP_9040Z	R	ALL
	R	0.35	Blue	D1760	A4	ALL
SP45618	L	0.5	Green/White	IC02BF	3	ALL
	R	0.5	Green/White	D8060	6	ALL
	R	0.5	Green/Red	D1760	C2	ALL
SP_9040Z	L	0.35	Blue	D8060	2	ALL
	R	0.35	Blue	IC02BF	9	ALL
	R	0.35	Blue	SP_9040L	L	ALL
SP_104	L	3	Black	G104	1	ALL
	R	1	Black	D8E34	1	ALL
	R	2.5	Black	D4440	2	YESC01
SP_M102A	L	1.5	Black	SP_M102	R	ALL
	R	0.75	Black	D1031	61	ALL
	R	0.75	Black	D1031	62	ALL
SP_9041Z	L	0.35	Pink	D8060	1	ALL
	R	0.35	Pink	IC02BF	10	ALL
	R	0.35	Pink	SP_9041L	L	ALL
SP_M102	L	1.5	Black	G102	1	ALL
	R	0.35	Black	D8060	3	ALL
	R	1.5	Black	SP_M102A	L	ALL
	R	0.5	Black	D1760	G4	ALL

Instrument Panel Harness Position Diagram

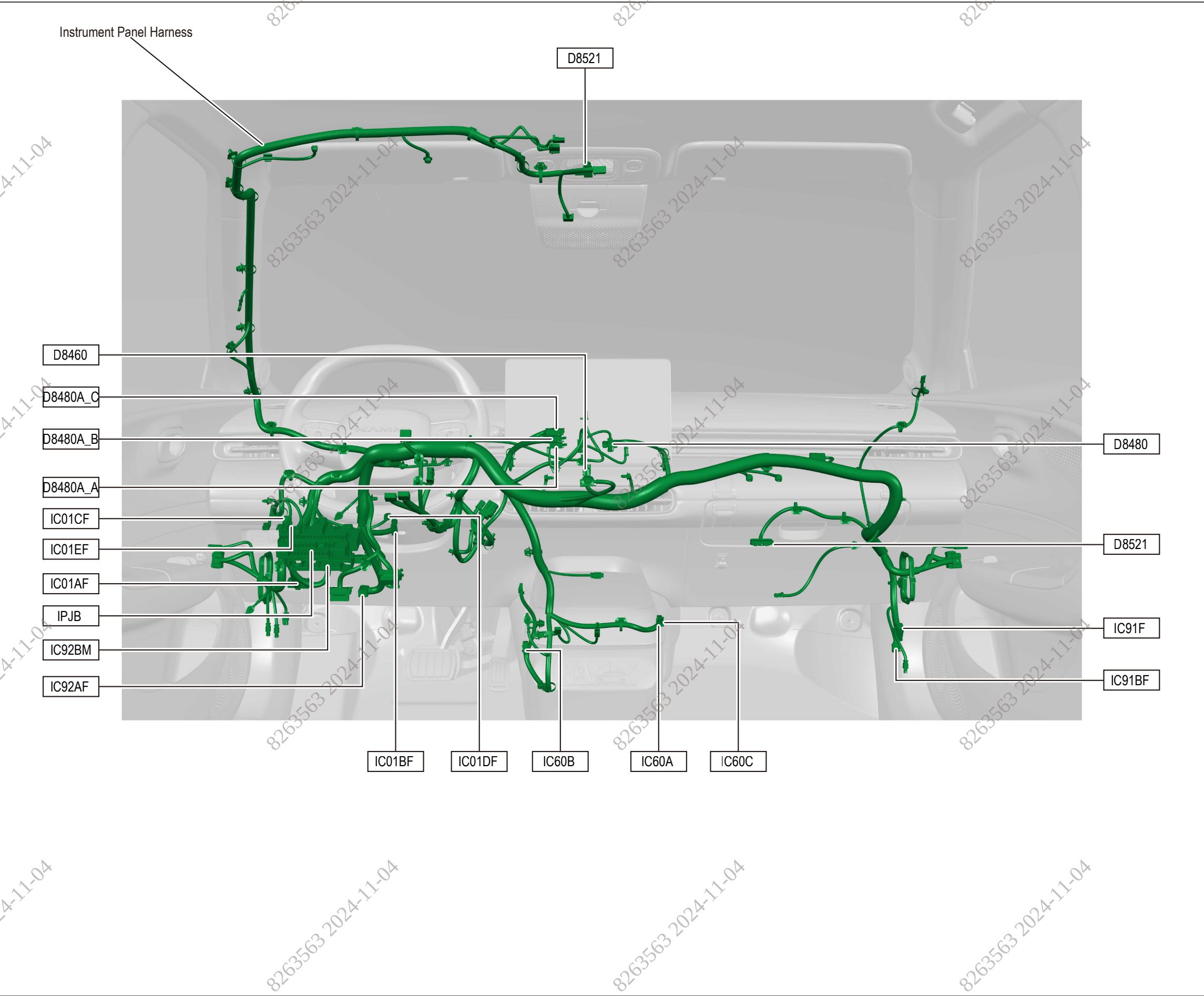


Instrument Panel Harness Position Diagram

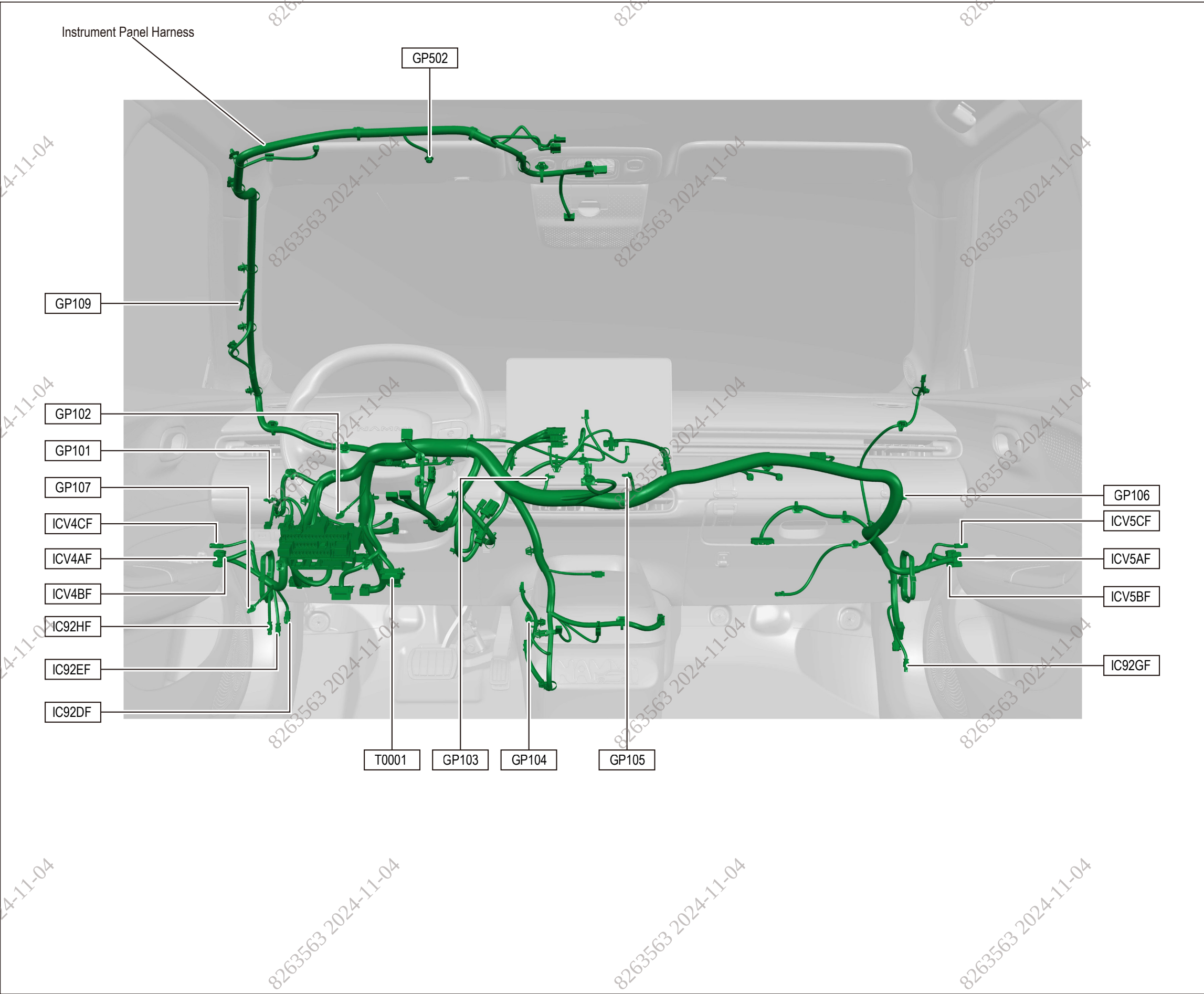


No.	Name	Number Of Pins
D8040A	PTC Temperature Sensor	4P
D8237	Intelligent Entry Transceiver_IMMO_SIP	2P
D8300E	(BCM)	9P
	(E1&E1+&E2)	
D8300F	(BCM)	40P
	(E1&E1+&E2)	
D8300G	(BCM)	24P
	(E1&E1+&E2)	
D8301B	(CCM)(E3)	15P
D8301E	(CCM)(E3)	32P
D8301F	(CCM)(E3)	52P
D8304	Instrument Cluster	16P
D8311A	Rotary Switch (Airbag)	4P
D8311B	Rotary Switch(Cruise Control)	12P
D8350	Light and Wiper Combination Switch	16P
D8400H	Audio Head Unit 4-in-1 Interface	8P
D8411	12V Power Outlet	2P
D8412	Single USB Charger(E2、 E3)	2P
D8412A	Single USB Charger(E1)	2P
D8412B	Dashcam	2P
D8420	Microphone	4P
D8440	Tweeter_Left Front	3P
D8441	Tweeter_Right Front	3P

Instrument Panel Harness Position Diagram

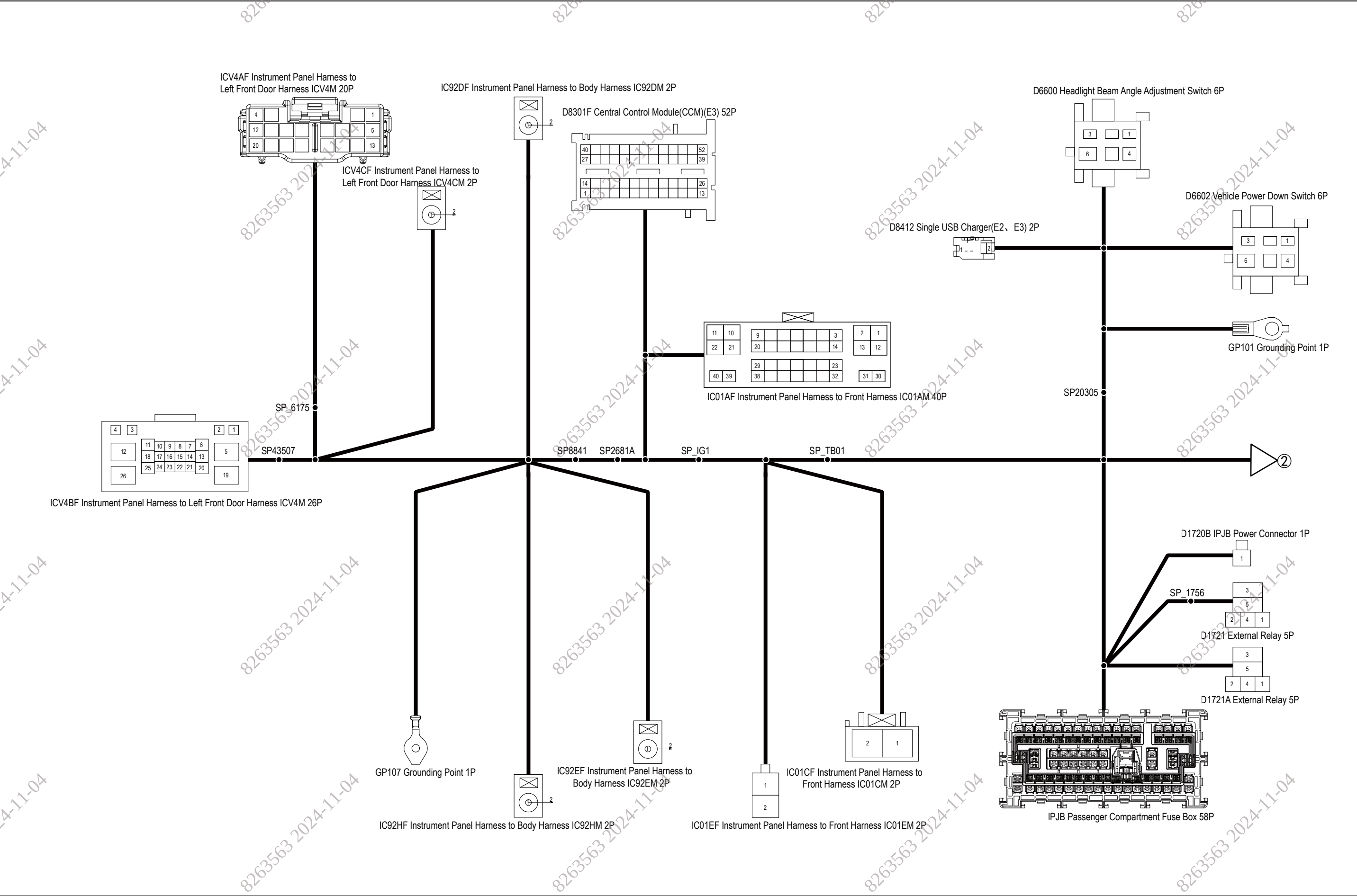


Instrument Panel Harness Position Diagram

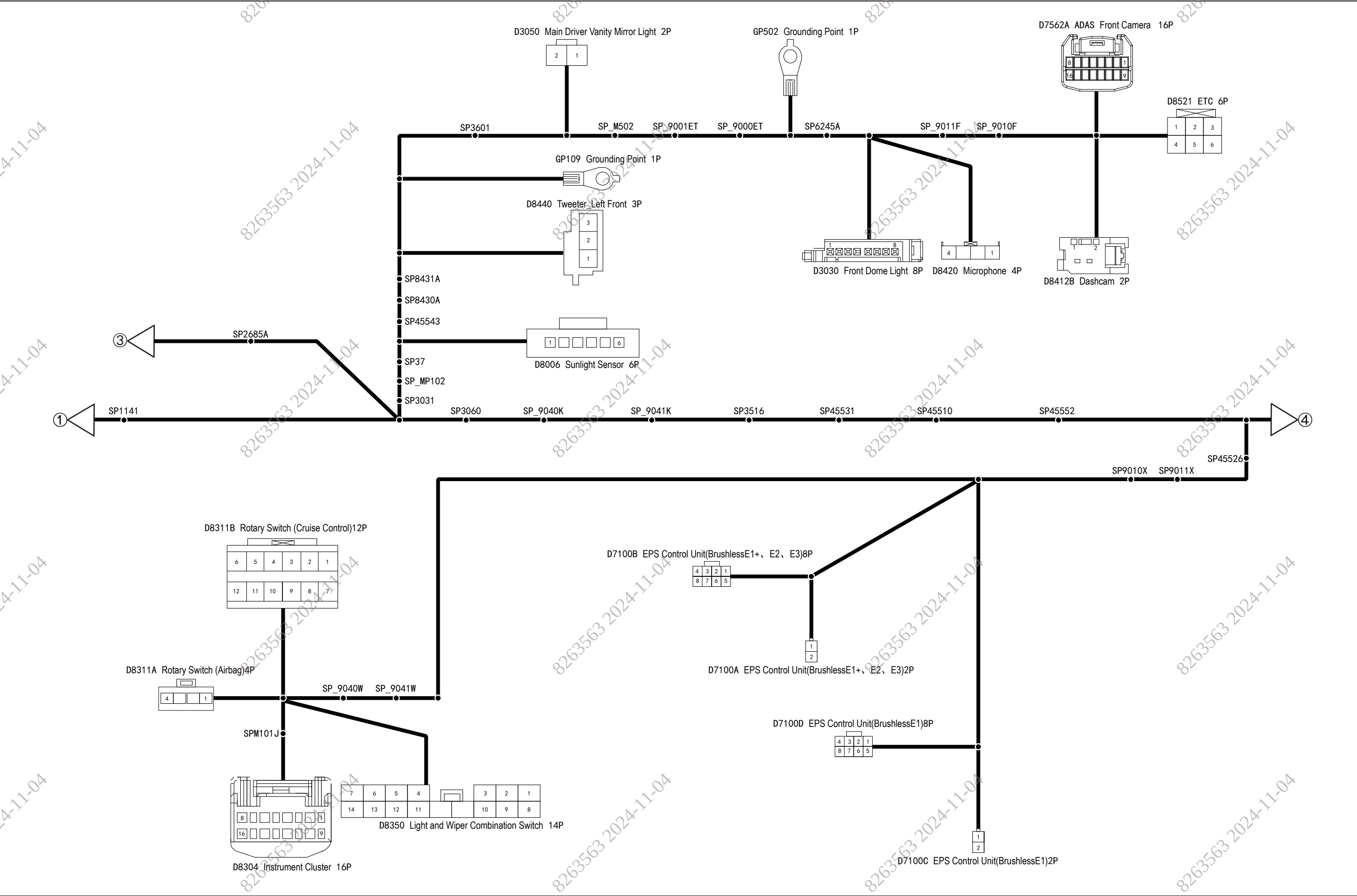


No.	Name	Number Of Pins
IC92DF	IP_H Conn To BD_H IC92DM	2P
IC92EF	IP_H Conn To BD_H IC92EM	2P
IC92GF	IP_H Conn To BD_H IC92GM	2P
IC92HF	IP_H Conn To BD_H IC92HM	2P
ICV4AF	IP_H Conn To DR_H	20P
	ICV4M	
ICV4BF	IP_H Conn To DR_H	26P
	ICV4M	
ICV4CF	IP_H Conn To DR_H	2P
	ICV4CM	
ICV5AF	IP_H Conn To PD_H	20P
	ICV5M	
ICV5BF	IP_H Conn To PD_H	26P
	ICV5M	
ICV5CF	IP_H Conn To PD_H	2P
	ICV5CM	
T0001	Test Diagnostic Interface	16P
GP101	GP	1P
GP102	GP	1P
GP103	GP	1P
GP104	GP	1P
GP105	GP	1P
GP106	GP	1P
GP107	GP	1P
GP109	GP	1P
GP502	GP	1P

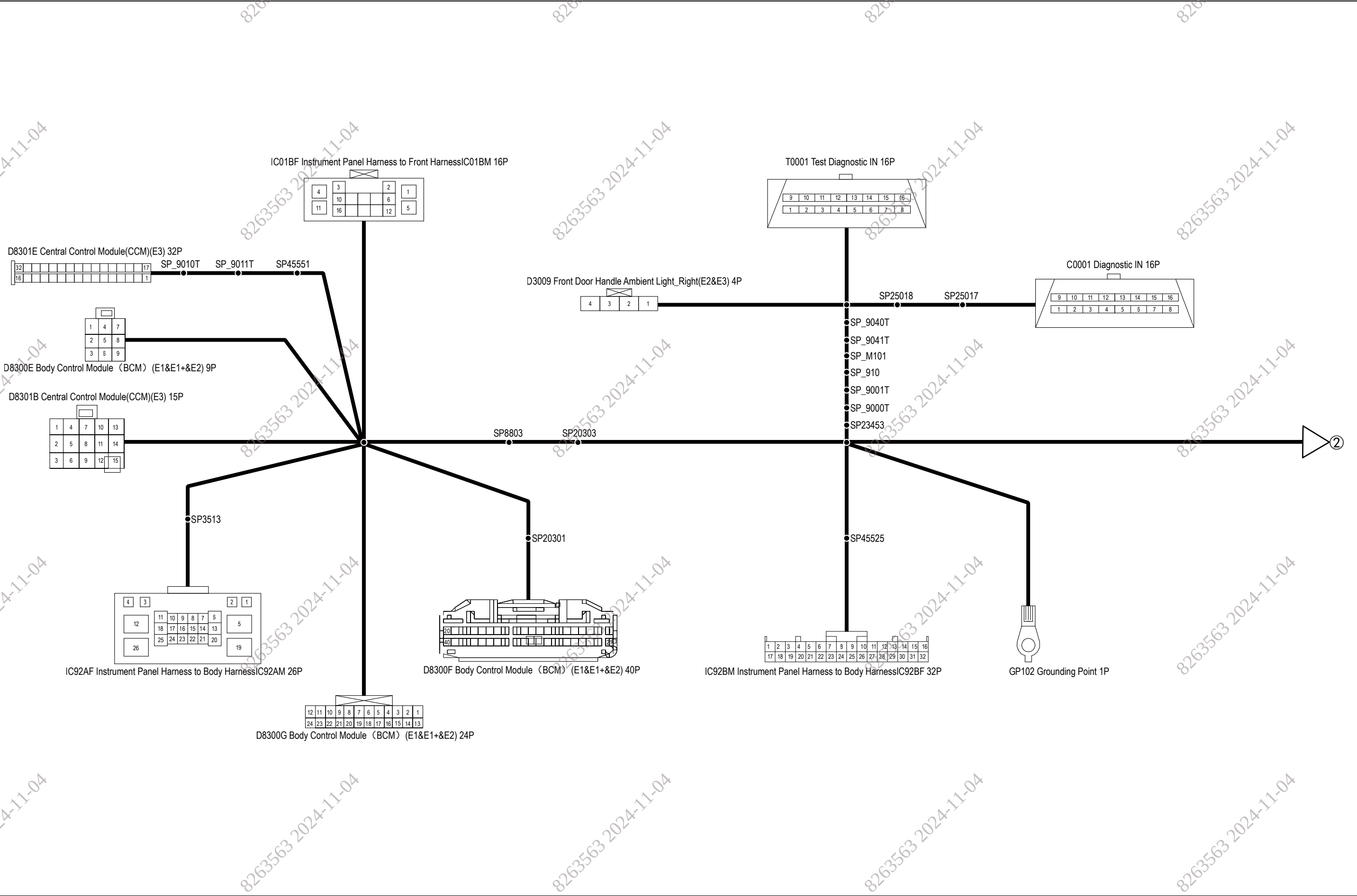
Instrument Panel Harness Structural Diagram



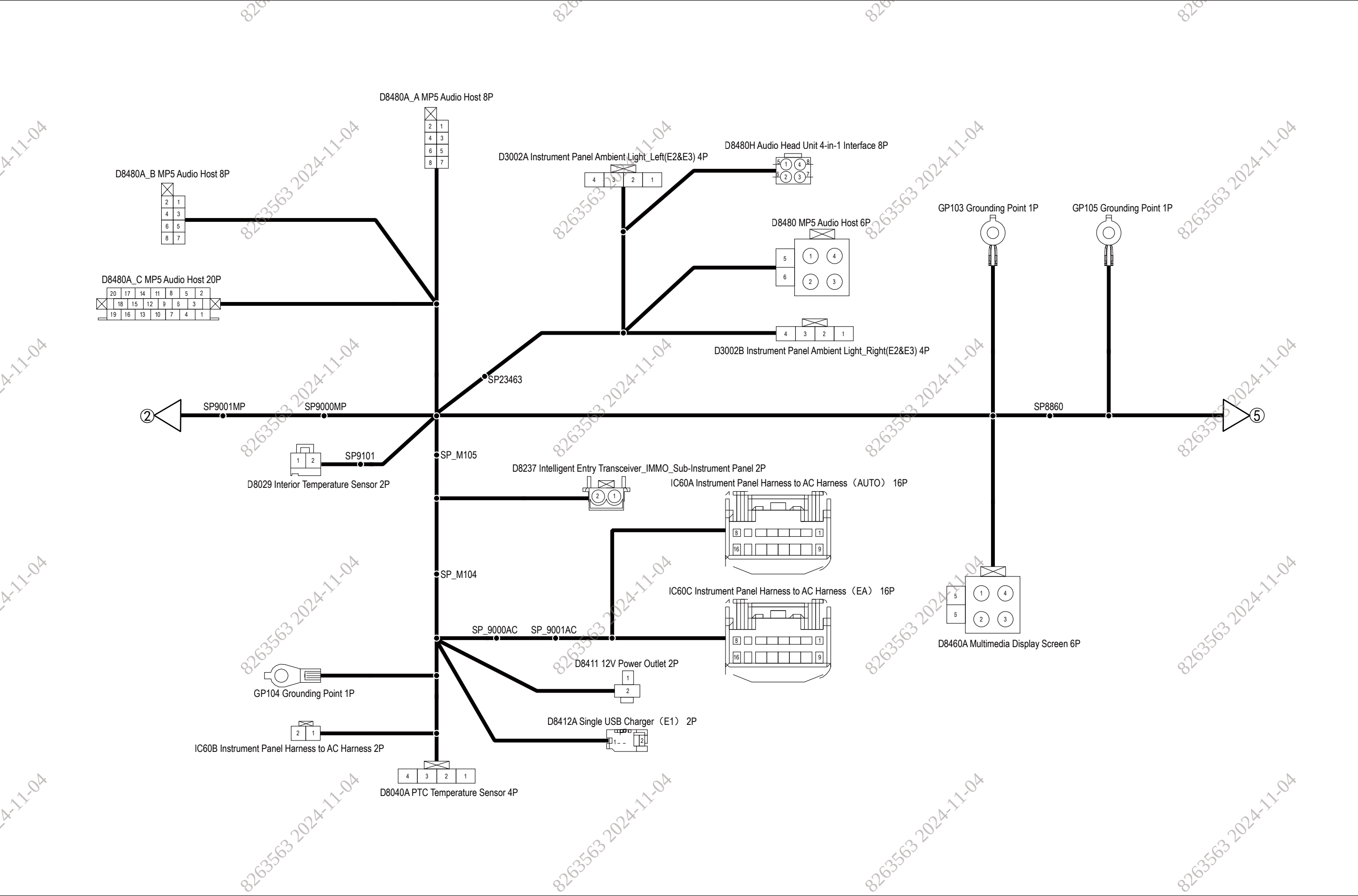
Instrument Panel Harness Structural Diagram



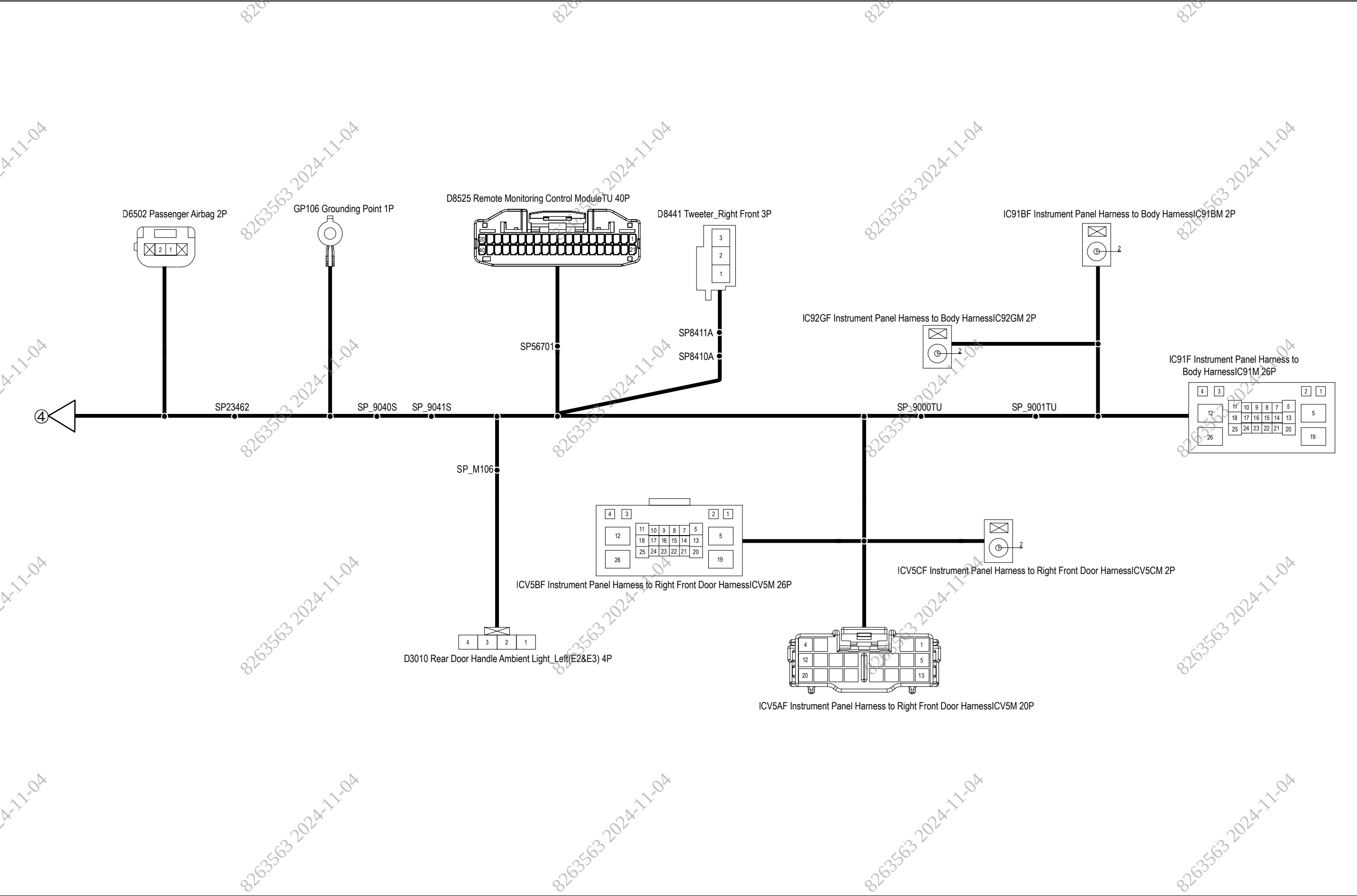
Instrument Panel Harness Structural Diagram



Instrument Panel Harness Structural Diagram



Instrument Panel Harness Structural Diagram



Instrument Panel Harness Electrical Component List

Control Unit			
Component Number	Component Name	Number of Pins	Remarks
D1720B	IPJB Power Connector	1P	-
D1721	Rear Defrost Relay	5P	-
D1721A	Controlled Power Relay 1	5P	-
D3030	Front Dome Light	8P	-
D6502	Passenger Airbag	2P	-
D7100A	EPS Control Unit	2P	E1+, E2, E3 Configuration
D7100B	EPS Control Unit	8P	E1+, E2, E3 Configuration
D7100C	EPS Control Unit	2P	E1 Configuration
D7100D	EPS Control Unit	8P	E1 Configuration
D8300E	Body Control Unit BCM	9P	E1&E1+&E2 Configuration
D8300F	Body Control Unit BCM	40P	E1&E1+&E2 Configuration
D8300G	Body Control Unit BCM	24P	E1&E1+&E2 Configuration
D8301B	Central Control Module CCM	15P	E3 Configuration
D8301E	Central Control Module CCM	32P	E3 Configuration
D8301F	Central Control Module CCM	52P	E3 Configuration
D8304	Instrument Cluster	16P	-
D8400H	Audio Head Unit 4-in-1 Interface	8P	-
D8412B	Dashcam	2P	-
D8480	MP5 Audio Host	6P	-
D8480A_A	Audio Host	8P	-
D8480A_B	Audio Host	8P	-
D8480A_C	Audio Host	20P	-
D8521	ETC	6P	-
D8525	Remote Monitoring Control Module TU	40P	-
IPJB	Passenger Compartment Fuse Box	58P	-

Appliances			
Component Number	Component Name	Number of Pins	Remarks
C0001	Diagnostic Interface	16P	Standard Configuration
D3002A	Dashboard Ambient Light_Left	4P	E2&E3 Configuration
D3002B	Dashboard Ambient Light_Right	4P	E2&E3 Configuration
D3009	Front Door Handle Ambient Light_Right	4P	E2&E3 Configuration
D3010	Rear Door Handle Ambient Light_Left	4P	-
D3050	Main Driver Vanity Mirror Light	2P	-
D6600	Headlight Beam Angle Adjustment Switch	6P	-
D6602	Vehicle Power Down Switch	6P	-
D7562A	ADAS Front Camera	16P	-
D8237	Intelligent Entry Transceiver_IMMO_Sub Instrument Panel	2P	-
D8311A	Rotary Switch (Airbag)	4P	-
D8311B	Rotary Switch (Cruise Control)	12P	-
D8350	Light and Wiper Combination Switch	16P	-
D8411	12V Power Outlet	2P	-
D8412	Single USB Charger	2P	E2, E3 Configuration
D8412A	Single USB Charger	2P	E1 Configuration
D8420	Microphone	4P	-
D8440	Tweeter_Left Front	3P	-
D8441	Tweeter_Right Front	3P	-
D8460A	Multimedia Display Screen	6P	-
T0001	Test Diagnostic Interface	16P	E3 Configuration

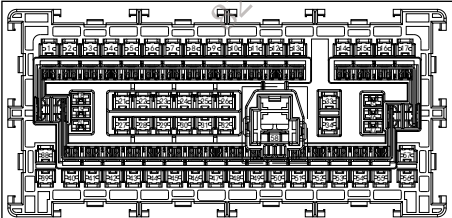
Sensor			
Component Number	Component Name	Number of Pins	Remarks
D8006	Sunlight Sensor	6P	-
D8029	Interior Temperature Sensor	2P	-
D8040A	PTC Temperature Sensor	4P	-

Grounding Point			
Component Number	Component Name	Number of Pins	Remarks
GP101	Grounding Point	1P	-
GP102	Grounding Point	1P	-
GP103	Grounding Point	1P	-
GP104	Grounding Point	1P	-
GP105	Grounding Point	1P	-
GP106	Grounding Point	1P	-
GP107	Grounding Point	1P	-
GP109	Grounding Point	1P	-
GP502	Grounding Point	1P	-

Docking Connector			
Component Number	Component Name	Number of Pins	Remarks
IC01AF	Instrument Panel Harness to Front Wiring Harness IC01AM	40P	-
IC01BF	Instrument Panel Harness to Front Wiring Harness IC01BM	16P	-
IC01CF	Instrument Panel Harness to Front Wiring Harness IC01CM	2P	-
IC01DF	Instrument Panel Harness to Front Wiring Harness IC01DM	2P	-
IC01EF	Instrument Panel Harness to Front Wiring Harness IC01EM	2P	-
IC60A	Instrument Panel Harness to Air Conditioning Harness	16P	-
IC60B	Instrument Panel Harness to Air Conditioning Harness	2P	-
IC60C	Instrument Panel Harness to Air Conditioning Harness	16P	Automatic Air Conditioning
IC91F	Instrument Panel Harness to Passenger Compartment Harness IC91IM	26P	-
IC91BF	Instrument Panel Harness to Passenger Compartment Harness IC91BM	2P	-
IC92AF	Instrument Panel Harness to Passenger Compartment Harness IC92AM	26P	-
IC92BM	Instrument Panel Harness to Passenger Compartment Harness IC92BM	32P	-
IC92DF	Instrument Panel Harness to Passenger Compartment Harness IC92DM	2P	-
IC92EF	Instrument Panel Harness to Passenger Compartment Harness IC92EM	2P	-
IC92GF	Instrument Panel Harness to Passenger Compartment Harness IC92GM	2P	-
IC92HF	Instrument Panel Harness to Passenger Compartment Harness IC92HM	2P	-
ICV4AF	Instrument Panel Harness to Left Front Door Harness ICV4M	20P	-
ICV4BF	Instrument Panel Harness to Left Front Door Harness ICV4M	26P	-
ICV4CF	Instrument Panel Harness to Left Front Door Harness ICV4M	2P	-
ICV5AF	Instrument Panel Harness to Right Front Door Harness ICV5M	20P	-
ICV5BF	Instrument Panel Harness to Right Front Door Harness ICV5M	26P	-
ICV5CF	Instrument Panel Harness to Right Front Door Harness ICV5M	2P	-

Instrument Panel Harness Terminal Definitions

IPJB Passenger Compartment Fuse Box



Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
			Connector Number	Pin Number	
1	0.5	Green/White	SP45552	L	ALL
2	0.5	Purple	SP8803	R	ALL
3	0.5	Pink	SP8841	R	ALL
4	0.5	Orange	IC92BM	1	USBR02
4	0.5	Orange	IC92BM	1	USBR02
5	0.35	Brown	SP8860	R	ALL
6	0.35	Red/Yellow	IC92BM	29	NKLE01
7	0.5	Red	IC92BM	18	TDPS02 TDPS06 TDPS07
8	2	White	IC01AF	30	ALL
9	0.35	Blue	D7100D	4	EEPS01
9	0.35	Blue	D7100B	8	EEPS02
10	0.5	Orange	IC60A	3	VEAC01
11	0.35	Red/White	D8525	2	ALL
12	0.5	Black	IC01AF	5	ALL
13	0.35	Blue/Red	D6600	2	ALL
14	1.5	Green	D8411	1	ALL
15	1	Orange	SP45543	R	ALL
16	0.75	Red/Yellow	IC92AF	20	TWLC01
17	0.5	Blue	D8300F	4	YBCM01
17	0.35	Green	D8301F	18	YBDC01
18	0.35	Black	SP_MP102	R	ALL
19	-	-	-	-	-
20	0.35	White/Black	SP_IG1	R	ALL
21	-	-	-	-	-
22	-	-	-	-	-
23	2	Red	IPJB	40	ALL
24	-	-	-	-	-
25	-	-	-	-	-
26	0.5	Red	SP45510	L	HMP01
27	0.5	Red	SP45526	R	ALL
28	0.5	Black/Blue	SP45525	R	IADA02 IAPA01
29	1	Green/Black	D8480A_A	7	ALL
30	0.5	Red/Green	SP_TB01	R	ALL
31	-	-	-	-	-
32	0.5	Red/Green	IC01AF	23	HMP01
33	0.5	Red	SP45510	L	VEAC01
34	0.5	Pink	IC60A	2	VEAC01
35	0.35	Black	SP_MP102	R	ALL
36	-	-	-	-	-
37	0.35	White/Black	D8300G	1	YBCM01
37	0.35	Orange	D8301F	28	YBDC01
38	2	Red	SP45510	L	NKLE01
39	2	Red	IC92AF	12	NKLE01
40	2	Red	IPJB	23	ALL
41	0.5	Red/White	IC92BM	30	IAPA01
42	0.5	Red/Yellow	SP43507	R	ALL
43	1.5	Orange/Red	D8300E	2	YBCM01
43	1.5	Orange/Red	D8301B	3	YBDC01
44	-	-	-	-	-
45	2	Red	D1721A	3	ALL
46	-	-	-	-	-
47	0.35	White	SP45531	X	ALL
48	0.5	Green	IC92BM	12	ALL
49	0.5	Red	D8525	20	ALL
50	-	-	-	-	-
51	-	-	-	-	-
52	-	-	-	-	-
53	0.5	Red	SP45551	R	YBDC01
54	-	-	-	-	-
55	1.5	Orange/Red	IC92AF	18	YBDC01
55	1.5	Orange/Red	IC01BF	4	YBCM01
56	0.5	White	SP_1756	R	RHOT01
57	0.5	Black/Blue	SP1141	L	RHOT01

D1720B IPJB Power Connector

Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
			Connector Number	Pin Number	
1	8	Red	IC01EF	2	ALL

D1721 Rear Defrost Relay

Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
			Connector Number	Pin Number	
1	0.35	White	SP45531	X	RHOT01
2	0.35	Black/Yellow	IC01AF	3	YBDC01&&RHOT01
2	0.5	Black/Yellow	D8300F	23	YBCM01&&RHOT01
3	2.5	White	IC01AF	11	RHOT01
4	-	-	-	-	-
5	2.5	White	SP_1756	L	RHOT01

D1721A Controlled Power Relay 1

Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
			Connector Number	Pin Number	
1	0.35	Red	SP45531	X	ALL
2	0.5	Black/Yellow	IC01AF	12	YBCM01
2	0.5	Black/Yellow	IC01AF	14	YBDC01
3	2	Red	IPJB	45	ALL
4	-	-	-	-	-
5	2	Red	SP45510	L	ALL

D3002A Dashboard Ambient Light_Left

Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.35	Gray	SP3060	R	Power Supply	LIAD03
2	0.35	Red/Black	SP23453	R	LIN	LIAD03
3	-	-	-	-	-	-
4	0.35	Black	SP_M105	R	Ground	LIAD03

D3002B Dashboard Ambient Light_Right

Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.35	Green/Red	SP23462	R	Power Supply	LIAD03
2	0.35	Red/Black	SP23463	L	LIN	LIAD03
3	-	-	-	-	-	-
4	0.35	Black	SP_M105	R	Ground	LIAD03

D3009 Front Door Handle Ambient Light_Right

Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.35	Green/Red	SP3060	L	Power Supply	LIAD03
2	0.35	Red/Black	SP23453	L	LIN	LIAD03
3	-	-	-	-	-	-
4	0.35	Black	SP_M101	L	Ground	LIAD03

D3010 Rear Door Handle Ambient Light_Left

Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.35	Green/Red	SP3060	L	Power Supply	LIAD03
2	0.35	Red/Black	SP23453	L	LIN	LIAD03
3	-	-	-	-	-	-
4	0.35	Black	SP_M101	L	Ground	LIAD03

D3030 Front Dome Light

Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.5	Blue/Green	SP3601	L	Power Positive	ALL
2	0.35	Yellow/Green	SP3031	L	LIN	ALL
3	0.35	Black/Blue	D8300F	29	Alarm Output	YBCM01
3	0.35	Black/Blue	D8301F	43	Alarm Output	YBDC01
4	0.5	Orange/Blue	SP20305	R	Backlight Input	YBCM01
4	0.35	White	SP37	L	Backlight Input	YBDC01
5	0.5	Black	SP_M502	L	Power Negative	ALL
6	-	-	-	-	-	-
7	-	-	-	-	-	-
8	-	-	-	-	-	-

D3050 Main Driver Vanity Mirror Light

Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.35	Blue/Green	SP3601	L	Power Supply	NKLE01
2	0.35	Black	SP_M502	R	Ground	NKLE01

D6502 Passenger Airbag

Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.5	Gray	IC91F	13	+	USAB02
2	0.5	Green/White	IC91F	6	-	USAB02

D6600 Headlight Beam Angle Adjustment Switch

Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.35	Black	SP_MP102	R	Backlight-	ALL
2	0.35	Blue/Red	IPJB	13	Power Supply	ALL
3	0.35	White	IC01AF	7	Function Output	ALL
4	0.35	Black	SP_MP102	R	Ground	ALL
5	0.35	Orange	SP37	R	Backlight+	YBDC01
5	0.35	Orange/Blue	SP20305	L	Backlight+	YBCM01
6	-	-	-	-	-	-

D6602 Vehicle Power Down Switch

Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.5	White/Black	D8300G	18	Switch Signal+	HMP00
2	0.5	Orange/Blue	SP20305	L	ILL+	HMP00
3	-	-	-	-	-	-
4	-	-	-	-	-	-
5	0.35	Black	SP_MP102	R	Ground	HMP00
6	-	-	-	-	-	-

D7100A EPS Control Unit

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
Connector Number	Pin Number					
1	0.8	White	IC01EF	1	Power Supply	EEPS02
2	0.8	Black	GP107	1	Ground	EEPS02

D7100B EPS Control Unit

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
Connector Number	Pin Number					
1	-	-	-	-	-	-
2	-	-	-	-	-	-
3	-	-	-	-	-	-
4	-	-	-	-	-	-
5	0.35	Blue	SP_9010X	L	CAN_H	EEPS02
6	0.35	Pink	SP_9011X	L	CAN_L	EEPS02
7	-	-	-	-	-	-
8	0.35	Blue	IPJB	9	Ignition Signal	EEPS02

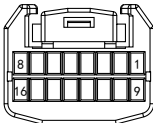
D7100C EPS Control Unit

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
Connector Number	Pin Number					
1	0.8	White	IC01EF	1	Power Supply	EEPS01
2	0.8	Black	GP107	1	Ground	EEPS01

D7100D EPS Control Unit

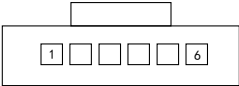
						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
Connector Number	Pin Number					
1	-	-	-	-	-	-
2	-	-	-	-	-	-
3	0.35	Pink	SP_9011X	L	CAN_L	EEPS01
4	0.35	Blue	IPJB	9	Ignition Signal	EEPS01
5	-	-	-	-	-	-
6	-	-	-	-	-	-
7	-	-	-	-	-	-
8	0.35	Blue	SP_9010X	L	CAN_H	EEPS01

D7562A ADAS Front Camera

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
Connector Number	Pin Number					
1	-	-	-	-	-	-
2	0.5	Black	SP_MP02	L	Ground	IADA02
3	0.35	Pink	SP_9011F	L	CAN1L	IADA02
4	-	-	-	-	-	-
5	-	-	-	-	-	-
6	-	-	-	-	-	-
7	-	-	-	-	-	-
8	0.5	Black/Blue	SP4552S	R	Power Supply	IADA02
9	-	-	-	-	-	-
10	-	-	-	-	-	-
11	-	-	-	-	-	-
12	0.35	Blue	SP_9010F	L	CAN1H	IADA02
13	-	-	-	-	-	-
14	-	-	-	-	-	-
15	-	-	-	-	-	-
16	0.35	Pink/Blue	SP6245A	L	Power Supply	IADA02

Instrument Panel Harness Terminal Definitions

D8006 Sunlight Sensor

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
Connector Number	Pin Number					
1	0.35	Yellow/Red	IC01AF	6	Automatic Headlights	YBCM01&&NKLE01
2	0.35	Purple	D8301F	8	Automatic Headlights	YBDC01
3	0.35	Yellow/Red	D8301F	21	Automatic Air Conditioning	YBDC01&&VAAC01
4	-	-	-	-	-	-
5	-	-	-	-	-	-
6	-	-	-	-	-	-
7	-	-	-	-	-	-
8	0.35	Red	SP9101	L	Ground	VAAC01
9	0.5	Black	SP_MP102	L	Ground	YBCM01&&NKLE01
10	-	-	-	-	-	-
11	-	-	-	-	-	-
12	-	-	-	-	-	-
13	-	-	-	-	-	-
14	-	-	-	-	-	-
15	-	-	-	-	-	-
16	-	-	-	-	-	-

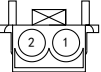
D8029 Interior Temperature Sensor

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
Connector Number	Pin Number					
1	0.35	Yellow/Red	D8301F	7	Power Supply	YBDC01&&VAAC01
2	0.35	Red	SP9101	R	Ground	YBDC01&&VAAC01

D8040A PTC Temperature Sensor

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
Connector Number	Pin Number					
1	0.35	Green/White	IC01BF	9	NTC Temperature Sensor Signal	ALL
2	0.35	Yellow	IC01BF	8	NTC Temperature Sensor Ground	ALL
3	0.35	Black	SP_MP102	R	Temperature Control Switch Ground	ALL
4	0.5	Green/White	IC01BF	10	Temperature Control Switch	ALL

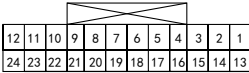
D8237 Intelligent Entry Transceiver_IMMO_Sub Instrument Panel

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
Connector Number	Pin Number					
1	0.35	Gray/Purple	D8301F	2	-	YBDC01
2	0.35	Brown/Blue	D8301F	1	-	YBDC01

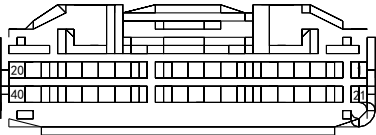
D8300E Body Control Unit BCM

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
Connector Number	Pin Number					
1	-	-	-	-	-	-
2	1.5	Orange/Red	IPJB	43	Interior Light Power	YBCM01
3	0.5	Blue/Green	SP3601	R	Power Saving Function Output	YBCM01
4	-	-	-	-	-	-
5	-	-	-	-	-	-
6	1.5	Black	SP_MP102	R	Door Lock Ground	YBCM01
7	-	-	-	-	-	-
8	1	Green	SP3513	R	Central Locking Output	YBCM01
9	1	Gray	SP3516	L	Central Unlocking Output	YBCM01

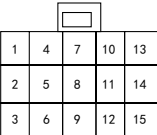
D8300G Body Control Unit BCM

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
Connector Number	Pin Number					
1	0.35	White/Black	IPJB	37	IG3 Relay Drive Output	YBCM01
2	0.5	Green/White	IC01AF	8	IG2 Relay Drive Output	YBCM01
3	-	-	-	-	-	-
4	-	-	-	-	-	-
5	0.35	Yellow/Black	IC92BM	8	PKE Main Driver Door Handle Antenna+	YBCM01 & NKLE01
6	0.35	Red/Black	IC92BM	9	PKE Main Driver Door Handle Antenna-	YBCM01 & NKLE01
7	-	-	-	-	-	-
8	-	-	-	-	-	-
9	-	-	-	-	-	-
10	-	-	-	-	-	-
11	0.35	Yellow/Red	IC92BM	19	PKE Interior Rear Antenna-	YBCM01
12	0.35	Purple	IC92BM	20	PKE Interior Rear Antenna+	YBCM01
13	0.5	White/Black	SP_IG1	R	IG1 Relay Output	YBCM01
14	-	-	-	-	-	-
15	-	-	-	-	-	-
16	-	-	-	-	-	-
17	-	-	-	-	-	-
18	0.5	White/Black	D6602	1	SSB Switch 1 Input	HMP00
19	-	-	-	-	-	-
20	-	-	-	-	-	-
21	0.35	Brown	ICV4AF	10	Main Driver Door Handle Switch Signal Input	YBCM01 & NKLE01
22	-	-	-	-	-	-
23	0.35	Green/White	IC92BM	3	PKE Tailgate Antenna+	YBCM01 & NKLE01
24	0.35	Brown/Blue	IC92BM	4	PKE Tailgate Antenna-	YBCM01 & NKLE01

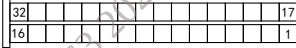
D8300F Body Control Unit BCM

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
Connector Number	Pin Number					
1	0.35	Brown/Blue	IC92AF	24	RKE/IMMO Antenna-	YBCM01
2	0.5	Yellow/Black	ICV4BF	4	Central Lock Indicator Output	YBCM01
3	0.5	Blue	IC01AF	9	IGN2 Feedback Input	YBCM01
4	0.5	Blue	IPJB	17	ACC Feedback Input	YBCM01
5	-	-	-	-	-	-
6	-	-	-	-	-	-
7	-	-	-	-	-	-
8	-	-	-	-	-	-
9	-	-	-	-	-	-
10	-	-	-	-	-	-
11	-	-	-	-	-	-
12	-	-	-	-	-	-
13	-	-	-	-	-	-
14	-	-	-	-	-	-
15	-	-	-	-	-	-
16	-	-	-	-	-	-
17	0.35	Black/Red	ICV4AF	17	Master Door Unlock Status Input	YBCM01
18	-	-	-	-	-	-
19	0.35	Yellow	SP20303	L	LIN1	YBCM01
20	0.35	Red/Black	SP20301	L	LIN2	LIAD03&&YBCM01
21	0.35	Gray/Purple	IC92AF	23	RKE/IMMO Antenna+	YBCM01
22	0.5	Black	SP_MP101	R	Logic Ground	YBCM01
23	0.5	Black/Yellow	D1721	2	Defrost Relay Drive Output	YBCM01&&RHOT01
24	-	-	-	-	-	-
25	0.35	Brown/Green	SP8803	L	IG1 Feedback Input	YBCM01
26	-	-	-	-	-	-
27	-	-	-	-	-	-
28	-	-	-	-	-	-
29	0.35	Black/Blue	D3030	3	Hazard Warning Light Switch Input	YBCM01
30	-	-	-	-	-	-
31	-	-	-	-	-	-
32	0.35	Gray	IC92AF	4	Trunk Release External Switch Input	YBCM01
33	0.35	Brown/Red	ICV4AF	9	Main Driver Door Status Input	YBCM01
34	0.35	Yellow/Red	ICV5AF	9	Passenger Door Status Input	YBCM01
35	-	-	-	-	-	-
36	-	-	-	-	-	-
37	0.5	Brown	ICV4BF	2	Central Locking Switch Input	YBCM01
38	-	-	-	-	-	-
39	-	-	-	-	-	-
40	0.5	Purple	ICV4BF	24	Mirror Folding Switch Input	YBCM01 & REFD01

D8301B Central Control Module CCM

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
Connector Number	Pin Number					
1	-	-	-	-	-	-
2	-	-	-	-	-	-
3	1.5	Orange/Red	IPJB	43	Interior Light Power	YBDC01
4	-	-	-	-	-	-
5	0.5	Green/Yellow	IC92AF	3	License Plate Light	YBDC01
6	0.5	Green/White	SP2685A	L	Left Turn Signal Output	YBDC01
7	-	-	-	-	-	-
8	-	-	-	-	-	-
9	0.5	Blue/Green	SP3601	R	Power Saving Function Output	YBDC01
10	-	-	-	-	-	-
11	-	-	-	-	-	-
12	-	-	-	-	-	-
13	-	-	-	-	-	-
14	0.5	Red	SP45551	R	Air Conditioning Power	YBDC01
15	1.5	Black	SP_MP102	R	External Lighting Power 123_Ground	YBDC01

D8301E Central Control Module CCM

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
Connector Number	Pin Number					
1	0.5	Gray	IC60C	16	Stepper Motor-Mode Door Drive 6	VAAC01
2	0.35	Blue/Red	IC60C	3	Stepper Motor-Recirculation Door Drive 4	VAAC01
3	0.35	Blue/White	IC60C	4	Stepper Motor-Recirculation Door Drive 6	VAAC01
4	-	-	-	-	-	-
5	-	-	-	-	-	-
6	-	-	-	-	-	-
7	-	-	-	-	-	-
8	0.35	Purple	IC60C	6	Evaporator Temperature Sensor	VAAC01
9	-	-	-	-	-	-
10	0.35	Blue/White	IC60C	-	Air Conditioning Analog Ground, Sensor Signal Return Ground	VAAC01
11	0.35	Purple/Red	IC60C	8	Blower Motor-Speed Control Module Signal	VAAC01
12	-	-	-	-	-	-
13	-	-	-	-	-	-
14	-	-	-	-	-	-
15	-	-	-	-	-	-
16	-	-	-	-	-	-
17	0.35	Blue/Black	IC60C	13	Stepper Motor-Mode Door Drive 1	VAAC01
18	0.35	Blue/Black	IC60C	2	Stepper Motor-Recirculation Door Drive 3	VAAC01
19	0.35	Blue	IC60C	1	Stepper Motor-Recirculation Door Drive 1	VAAC01
20	0.35	Orange	IC60C	9	Stepper Motor-Left Temperature Door Drive 1	VAAC01</

D8301F Central Control Module CCM

Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.35	Brown/Blue	D8237	2	PKE Interior Front Antenna-	YBDC01
2	0.35	Gray/Purple	D8237	1	PKE Interior Front Antenna+	YBDC01
3	-	-	-	-	-	-
4	-	-	-	-	-	-
5	0.35	Gray/Purple	IC92AF	23	PKE/IMMO Antenna+	YBDC01
6	0.35	Brown/Blue	IC92AF	24	PKE/IMMO Antenna-	YBDC01
7	0.35	Yellow/Red	D8029	1	Interior Temperature Sensor	YBDC01& VAAC01
8	0.35	Purple	D8006	1	Automatic Headlights	YBDC01
9	0.35	Blue	C0001	6	Diagnostic Network CAN_H	YBDC01
10	0.35	Pink	C0001	14	Diagnostic Network CAN_L	YBDC01
11	0.5	Black	SP_M101	R	-	YBDC01
12	0.35	Yellow/Black	IC92BM	8	PKE Main Driver Door Handle Antenna+	YBDC01
13	0.35	Red/Black	IC92BM	9	PKE Main Driver Door Handle Antenna-	YBDC01
14	-	-	-	-	-	-
15	0.5	White/Black	SP_IG1	L	Ground	YBDC01
16	-	-	-	-	-	-
17	-	-	-	-	-	-
18	0.35	Green	IPJB	17	IG3 Feedback Input	YBDC01
19	0.35	Brown/Green	SP8803	R	IG1 Feedback Input	YBDC01
20	0.35	Yellow	ICV5BF	3	Ambient Temperature Sensor	YBDC01& VAAC01
21	0.35	Yellow/Red	D8006	2	Automatic Air Conditioning	YBDC01& VAAC01
22	-	-	-	-	-	-
23	-	-	-	-	-	-
24	-	-	-	-	-	-
25	-	-	-	-	-	-
26	-	-	-	-	-	-
27	0.5	Orange/Blue	SP37	R	Backlight Output 1	YBDC01
28	0.35	Orange	IPJB	37	IG3 Relay Drive Output	YBDC01
29	-	-	-	-	-	-
30	0.35	Green	ICV4AF	10	Main Driver Door Handle Switch Signal Input	YBDC01
31	-	-	-	-	-	-
32	-	-	-	-	-	-
33	-	-	-	-	-	-
34	-	-	-	-	-	-
35	0.35	Yellow/Green	SP2681A	R	LIN7	YBDC01
36	-	-	-	-	-	-
37	-	-	-	-	-	-
38	0.5	Yellow/Black	ICV4BF	4	Central Lock Indicator Output	YBDC01
39	-	-	-	-	-	-
40	-	-	-	-	-	-
41	-	-	-	-	-	-
42	0.35	Gray	IC92AF	4	Trunk Release External Switch Input	YBDC01
43	0.35	Black/Blue	D3030	3	Hazard Warning Light Switch Input	YBDC01

Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
44	-	-	-	-	-	-
45	-	-	-	-	-	-
46	-	-	-	-	-	-
47	-	-	-	-	-	-
48	-	-	-	-	-	-
49	0.5	White/Black	ICV4AF	20	Mirror Folding Output	REFD01 & YBDC01
50	0.5	Yellow/Black	ICV4AF	19	Mirror Unfolding Output	REFD01 & YBDC01
51	-	-	-	-	-	-
52	-	-	-	-	-	-

D8304 EPS Control Unit

The diagram shows a top-down view of the D8304 EPS Control Unit. It is a rectangular component with a central horizontal slot. On the left side, there are two rows of pins: the top row has pins numbered 8, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1; the bottom row has pins numbered 16, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1. On the right side, there are two rows of pins: the top row has pins numbered 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1; the bottom row has pins numbered 9, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1.

Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.35	Pink	SP_9001T	R	BCAN-L	ALL
2	0.35	Blue	SP_9000T	R	BCAN-H	ALL
3	0.35	Red/Green	IC01AF	20	Brake Fluid Level Low	YESC01
4	-	-	-	-	-	-
5	-	-	-	-	-	-
6	-	-	-	-	-	-
7	0.35	Pink	SP_9041K	R	PCAN-L	YBCM01
8	0.35	Blue	SP_9040K	R	PCAN-H	YBCM01
9	0.5	Green/White	SP45552	R	Power Supply	ALL
10	0.5	Red	SP45526	L	Power Supply	ALL
11	0.5	Black	SPM101J	L	Power Ground	ALL
12	0.5	Black	SPM101J	L	Signal Ground	ALL
13	0.35	Black	D8311B	2	Quick Connect Switch Ground	ALL
14	0.35	Blue	D8311B	5	Quick Connect Switch Input 1+	ALL
15	0.35	Green	D8311B	7	Quick Connect Switch Input 2+	ALL
16	0.35	Yellow	D8311B	8	Quick Connect Switch Input 3+	ALL

D8311A Rotary Switch (Airbag)

Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	-	-	-	-	-	-
2	-	-	-	-	-	-
3	0.5	Blue	IC92BM	32	DAB-	ALL
4	0.5	Green	IC92BM	31	DAB+	ALL

D8311B Rotary Switch (Cruise Control)

						
6	5	4	3	2	1	
12	11	10	9	8	7	

Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.35	Black/Red	SP_M101	R	Backlight-	ALL
2	0.35	Black	D8304	13	Quick Connect Switch Signal+	ALL
3	0.35	Green/ White	IC01AF	26	Horn	ALL
4	0.35	Orange/ Blue	SP20305	R	Backlight+	YBCM01
4	0.35	White	SP37	R	Backlight+	YBDC01
5	0.35	Blue	D8304	14	Quick Connect Switch Signal 1+	ALL
6	-	-	-	-	-	-
7	0.35	Green	D8304	15	Quick Connect Switch Signal 2+	ALL
8	0.35	Yellow	D8304	16	Quick Connect Switch Signal 3+	ALL
9	0.5	Red/Green	IC01BF	12	Light Signal+	HMP00
10	-	-	-	-	-	-
11	0.5	Black/White	IC92BM	21	Light Signal-	HMP00
12	-	-	-	-	-	-

D8350 Light and Wiper Combination Switch

7	6	5	4			3	2	1
14	13	12	11			10	9	8

Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.5	Red	SP45526	L	Power Supply	ALL
2	-	-	-	-	-	-
3	0.5	Black	SP_MP102	R	Ground	ALL
4	0.35	Red	SP8803	R	Power Supply	ALL
5	-	-	-	-	-	-
6	-	-	-	-	-	-
7	-	-	-	-	-	-
8	0.35	Blue	SP_9040W	L	CAN_H	ALL
9	0.35	Pink	SP_9041W	L	CAN_L	ALL
10	0.35	Black/Blue	IC01AF	16	EPB_SW6	ALL
11	0.35	Brown	IC01AF	17	EPB_SW3	ALL
12	0.35	Green	IC01AF	18	EPB_SW4	ALL
13	0.35	Yellow	IC01AF	19	EPB_SW1	ALL
14	-	-	-	-	-	-
15	-	-	-	-	-	-
16	-	-	-	-	-	-

D8400H Audio Head Unit 4-in-1 Interface

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.5	Blue/ Yellow	ICV5CF	1	Right Camera Video Signal Input	IAVW01&IAPA01
2	0.5	White/ Red	ICV4CF	1	Left Camera Video Signal Input	IAVW01&IAPA01
3	0.5	Black/ White	IC92EF	1	Rear Camera Video Signal Input	IRVC01
3	0.5	Black/ Red	IC92HF	1	Rear Camera Video Signal Input	IAVW01&IAPA01
3	0.5	Black	IC92GF	1	Rear Camera Video Signal Input	IAPA01
4	0.5	Black/ Red	IC01DF	1	Front Camera Video Signal Input	IAVW01&IAPA01
5	0.5	Yellow/ Black	ICV5CF	2	Right Camera Video Signal Ground	IAVW01&IAPA01
6	0.5	Green/ Yellow	ICV4CF	2	Left Camera Video Signal Ground	IAVW01&IAPA01
7	0.5	Black/ Blue	IC92EF	2	Rear Camera Video Signal Ground	IRVC01
7	0.5	Green/ Red	IC92HF	2	Rear Camera Video Signal Ground	IAVW01&IAPA01
7	0.5	Red	IC92GF	2	Rear Camera Video Signal Ground	IAPA01
8	0.5	Green/ Red	IC01DF	2	Front Camera Video Signal Ground	IAVW01&IAPA01

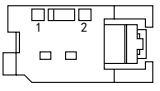
D8411 12V Power Outlet

826350

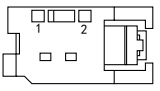
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	1.5	Green	IPJB	14	+	ALL
2	1.5	Black	SP_M104	L	-	ALL

Instrument Panel Harness Terminal Definitions

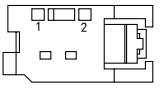
D8412 Single USB Charger

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.5	Orange	SP45543	R	Power Supply	HMP01
2	0.5	Black	SP_M104	R	Ground	HMP01

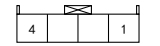
D8412A Single USB Charger

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.5	Orange	SP45543	R	Power Supply	HMP00
2	0.5	Black	SP_M105	L	Ground	HMP00

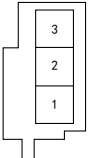
D8412B Dashcam

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.5	Orange	SP45543	L	Power Supply	ALL
2	0.5	Black	SP_M502	L	Ground	ALL

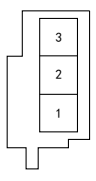
D8420 Microphone

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.35	Red	D8480A_C	3	MIC2+	HMP01
2	0.35	Blue	D8480A_C	6	MIC2-	HMP01
3	0.35	Orange	D8480A_C	1	MIC1+	HMP01
4	0.35	Black/Blue	D8480A_C	4	MIC1-	HMP01

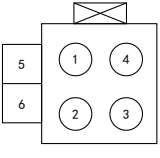
D8440 Tweeter_Left Front

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.5	Green	SP8430A	L	SP+	ALL
2	0.5	Red	SP8431A	L	SP-	ALL
3	-	-	-	-	-	-

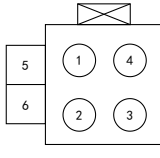
D8441 Tweeter_Right Front

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.5	White	SP8410A	L	SP+	ALL
2	0.5	Red/White	SP8411A	L	SP-	ALL
3	-	-	-	-	-	-

D8460A Multimedia Display Screen

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.35	Orange	D8480	4	DOUT0+	HMP01
2	0.35	Black/Blue	D8480	3	DOUT1-	HMP01
3	0.35	Black/Blue	D8480	2	DOUT0-	HMP01
4	0.35	Orange	D8480	1	DOUT1+	HMP01
5	0.5	Green	D8480	5	DB_12V	HMP01
6	0.5	Black	D8480	6	Ground	HMP01

D8480 MP5 Audio Host

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.35	Orange	D8460A	4	DOUT1+	HMP01
2	0.35	Black/Blue	D8460A	3	DOUT0-	HMP01
3	0.35	Black/Blue	D8460A	2	DOUT1-	HMP01
4	0.35	Orange	D8460A	1	DOUT0+	HMP01
5	0.5	Green	D8460A	5	Power 12V	HMP01
6	0.5	Black	D8460A	6	Ground	HMP01

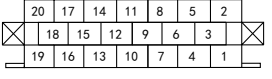
D8480A_A MP5 Audio Host

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	-	-	-	-	-	-
2	0.35	Green/White	SP45552	R	Power Supply	ALL
3	-	-	-	-	-	-
4	-	-	-	-	-	-
5	-	-	-	-	-	-
6	-	-	-	-	-	-
7	-	-	-	-	-	-
8	-	-	-	-	-	-

D8480A_B MP5 Audio Host

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.5	Black/Blue	IC91F	14	RR+	HSPE02
2	0.5	Orange	IC91F	15	RR-	HSPE02
3	0.5	White	SP8410A	R	FR+	ALL
4	0.5	Red/White	SP8411A	R	FR-	ALL
5	0.5	Green	SP8430A	R	FL+	ALL
6	0.5	Red	SP8431A	R	FL-	ALL
7	0.5	Brown	IC92AF	1	RL+	HSPE02
8	0.5	Yellow	IC92AF	2	RL-	HSPE02

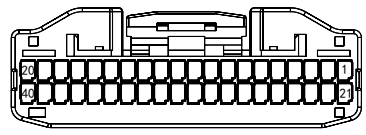
D8480A_C MP5 Audio Host

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.35	Orange	D8420	3	MIC+	HMP01
2	-	-	-	-	-	-
3	0.35	Red	D8420	1	MIC2+	HMP01
4	0.35	Black/Blue	D8420	2	MIC	HMP01
5	-	-	-	-	-	-
6	0.35	Blue	D8420	2	MIC2-	HMP01
7	-	-	-	-	-	-
8	-	-	-	-	-	-
9	0.35	Blue	SP_900IMP	R	CAN1_H	ALL
10	-	-	-	-	-	-
11	-	-	-	-	-	-
12	0.35	Pink	SP_9001MP	R	CAN1_L	ALL
13	-	-	-	-	-	-
14	-	-	-	-	-	-
15	-	-	-	-	-	-
16	-	-	-	-	-	-
17	-	-	-	-	-	-
18	-	-	-	-	-	-
19	-	-	-	-	-	-
20	-	-	-	-	-	-

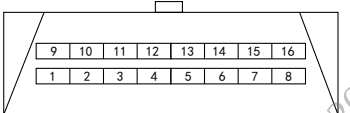
D8521 ETC

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.35	Pink	SP_9001ET	L	CANL	YETC01
2	0.35	Blue	SP_9000ET	L	CANH	YETC01
3	0.35	Pink/Blue	SP6245A	L	Power Supply	YETC01
4	0.35	Black	SP_M502	L	Ground	YETC01
5	0.35	Pink/Blue	SP6245A	L	Power Supply	YETC01
6	-	-	-	-	-	-

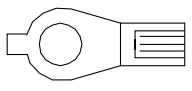
D8525 Remote Monitoring Control Module TU

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	-	-	-	-	-	-
2	0.35	Red/White	IPJB	11	Power Supply	ALL
3	0.5	Black	SP56701	L	Ground	ALL
4	-	-	-	-	-	-
5	-	-	-	-	-	-
6	-	-	-	-	-	-
7	-	-	-	-	-	-
8	-	-	-	-	-	-
9	-	-	-	-	-	-
10	-	-	-	-	-	-
11	-	-	-	-	-	-
12	-	-	-	-	-	-
13	-	-	-	-	-	-
14	-	-	-	-	-	-
15	-	-	-	-	-	-
16	-	-	-	-	-	-
17	-	-	-	-	-	-
18	0.35	Pink	SP_9041S	L	CAN2-L	ALL
19	0.35	Blue	SP_9000TU	R	CAN1-H	HMP00
20	0.5	Red	IPJB	49	Power Positive	ALL
21	-	-	-	-	-	-
22	-	-	-	-	-	-
23	-	-	-	-	-	-
24	-	-	-	-	-	-
25	-	-	-	-	-	-
26	-	-	-	-	-	-
27	-	-	-	-	-	-
28	-	-	-	-	-	-
29	-	-	-	-	-	-
30	-	-	-	-	-	-
31	-	-	-	-	-	-
32	-	-	-	-	-	-
33	-	-	-	-	-	-
34	-	-	-	-	-	-
35	-	-	-	-	-	-
36	-	-	-	-	-	-
37	-	-	-	-	-	-
38	0.35	Blue	SP_9040S	L	CAN2-H	ALL
39	0.35	Pink	SP_9001TU	R	CAN1-L	HMP00
40	0.5	Black	SP56701	L	Power Negative	ALL

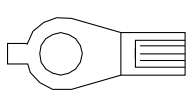
C0001 Diagnostic Interface

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	-	-	-	-	-	-
2	0.5	Blue	IC01AF	37	YBCM01	
3	0.35	Blue	SP_9000T	L	YBCM01	
4	0.5	Black	SP_910	L	ALL	
5	0.5	Black	SP_910	L	ALL	
6	0.35	Blue	D8301F	9	YBDC01	
6	0.35	Blue	SP_9040T	L	YBCM01	
7	0.5	Blue	SP25017	L	ALL	
8	0.35	Pink	SP_9001T	L	YBCM01	
9	0.35	White	IC92BM	22	IAPA01	
10	0.35	Green	IC92BM	21	IAPA01	
10	0.5	Pink	IC01AF	38	YBCM01	
11	0.35	Blue	SP_9010T	R	YBCM01	
12	0.35	Pink	SP_9011T	R	YBCM01	
13	0.5	Pink	SP25018	L	ALL	
14	0.35	Pink	D8301F	10	YBDC01	
14	0.35	Pink	SP_9041T	L	YBCM01	
15	-	-	-	-	-	-
16	0.5	Red/Green	SP_TB01	R	ALL	

GP101 Grounding Point

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	3	Black	SP_M101	R	Grounding	ALL

GP102 Grounding Point

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	4	Black	SP_MP102	R	Grounding	ALL

GP103 Grounding Point

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Instrument Panel Harness Terminal Definitions

IC01AF Instrument Panel Harness to Front Wiring Harness IC01AM

Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
			Connector Number	Pin Number	
1	-	-	-	-	-
2	-	-	-	-	-
3	0.35	Black/Yellow	D1721	2	YBCO01&RHOT01
4	0.35	Yellow/Red	ICV5AF	9	YBCO01
5	0.5	Black	IPJB	12	ALL
6	0.35	Yellow/Red	D8006	1	YBCM01&NKLE01
7	0.35	White	D6600	3	ALL
8	0.5	Green/White	D8300G	2	YBCM01
9	0.5	Blue	D8300F	3	YBCM01
10	0.35	Red	SP9101	L	YBCO01
11	2.5	White	D1721	3	RHOT01
12	0.5	Black/Yellow	D1721A	2	YBCM01
13	-	-	-	-	-
14	0.5	Black/Yellow	D1721A	2	YBCO01
15	0.35	Black/Red	ICV4AF	17	YBCO01
16	0.35	Black/Blue	D8350	10	ALL
17	0.35	Brown	D8350	11	ALL
18	0.35	Green	D8350	12	ALL
19	0.35	Yellow	D8350	13	ALL
20	0.35	Red/Green	D8304	3	YESO01
21	-	-	-	-	-
22	-	-	-	-	-
23	0.5	Red/Green	IPJB	32	HMP01
24	0.35	Yellow/Green	SP2681A	R	YBCO01
25	-	-	-	-	-
26	0.35	Green/White	D8311B	3	ALL
27	-	-	-	-	-
28	0.35	Blue	SP_9040S	R	YBCM01
29	0.35	Pink	SP_9041S	R	YBCM01
30	2	White	IPJB	8	ALL
31	0.35	Yellow/Green	SP20303	R	YBCM01
32	-	-	-	-	-
33	0.35	Blue	SP_9040T	R	ALL
34	0.35	Pink	SP_9041T	R	ALL
35	-	-	-	-	-
36	-	-	-	-	-
37	0.5	Blue	C0001	2	YBCM01
37	0.5	Blue	T0001	2	TEST
38	0.5	Pink	C0001	10	YBCM01
38	0.5	Pink	T0001	10	TEST
39	-	-	-	-	-
40	-	-	-	-	-

IC01BF Instrument Panel Harness to Front Wiring Harness IC01BM

Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
			Connector Number	Pin Number	
1	-	-	-	-	-
2	-	-	-	-	-
3	-	-	-	-	-
4	0.5	Orange/Red	IPJB	55	YBCM01
5	-	-	-	-	-
6	0.35	Blue	SP_9010T	R	ALL
7	0.35	Pink	SP_9011T	R	ALL
8	0.35	Yellow	D8040A	2	ALL

Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
			Connector Number	Pin Number	
9	0.35	Green/White	D8040A	1	ALL
10	0.5	Green/White	D8040A	4	ALL
11	-	-	-	-	-
12	0.5	Red/Green	D8311B	9	HMP00
13	-	-	-	-	-
14	-	-	-	-	-
15	0.5	Yellow	SP25017	R	ALL
16	0.5	White	SP25018	R	ALL

IC01DF Instrument Panel Harness to Front Wiring Harness IC01DM

Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
			Connector Number	Pin Number	
1	0.5	Black/Red	D8400H	4	IAVW01&IAPAO1
2	0.5	Green/Red	D8400H	8	IAVW01&IAPAO1

IC01EF Instrument Panel Harness to Front Wiring Harness IC01EM

Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
			Connector Number	Pin Number	
1	8	White	D7100A	1	EEPS02
1	8	White	D7100C	1	EEPS01
2	8	Red	D1720B	1	ALL

IC60A Instrument Panel Harness to Air Conditioning Harness

Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
			Connector Number	Pin Number	
1	-	-	-	-	-
2	0.5	Pink	IPJB	34	VEAC01
3	0.5	Orange	IPJB	10	VEAC01
4	0.5	Black	SP_M105	L	VEAC01
5	-	-	-	-	-
6	0.35	Pink	SP_9001AC	L	VEAC01
7	0.35	Blue	SP_9000AC	L	VEAC01
8	0.35	Yellow	ICV5BF	3	VEAC01
9	-	-	-	-	-
10	0.35	Red	ICV5BF	4	VEAC01
11	-	-	-	-	-
12	-	-	-	-	-
13	-	-	-	-	-
14	-	-	-	-	-
15	-	-	-	-	-
16	-	-	-	-	-

IC60B Instrument Panel Harness to Air Conditioning Harness

Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
			Connector Number	Pin Number	
1	4	Yellow	IC01CF	2	ALL
2	4	Black	SP_M104	L	ALL

IC60C Instrument Panel Harness to Air Conditioning Harness

Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
			Connector Number	Pin Number	
1	0.35	Blue	D8301E	19	VAAC01
2	0.35	Blue/Black	D8301E	18	VAAC01
3	0.35	Blue/Red	D8301E	2	VAAC01
4	0.35	Blue/White	D8301E	3	VAAC01
5	0.35	Red	SP45526	R	VAAC01
6	0.35	Purple	D8301E	8	VAAC01
7	0.35	Blue/White	D8301E	10	VAAC01
8	0.35	Purple/Red	D8301E	11	VAAC01
9	0.35	Orange	D8301E	20	VAAC01
10	0.35	Orange/Green	D8301E	22	VAAC01
11	0.35	Orange/Blue	D8301E	23	VAAC01
12	0.35	Orange/Yellow	D8301E	21	VAAC01
13	0.35	Blue/Black	D8301E	17	VAAC01
14	0.35	White/Blue	D8301E	25	VAAC01
15	0.35	Yellow	D8301E	24	VAAC01
16	0.5	Gray	D8301E	1	VAAC01

IC91F Instrument Panel Harness to Passenger Compartment Harness IC91M

Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
			Connector Number	Pin Number	
1	0.35	Blue	SP_9000TU	L	ALL
2	0.35	Pink	SP_9001TU	L	ALL
3	0.35	Blue	SP_9040S	L	YBCO01
4	0.35	Pink	SP_9041S	L	YBCO01
5	2	White	ICV5BF	26	ALL
6	0.5	Green/White	D6502	2	USAB02
7	0.35	White	ICV5BF	11	ALL
8	0.35	White	ICV5BF	22	ALL
9	0.35	Blue	SP_9010X	R	ALL
10	0.35	Pink	SP_9011X	R	ALL
11	-	-	-	-	-
12	-	-	-	-	-
13	0.5	Gray	D6502	1	USAB02
14	0.5	Black/Blue	D8480A_B	1	HSPE02
15	0.5	Orange	D8480A_B	2	HSPE02
16	0.35	Green	ICV5AF	18	ALL
17	0.35	Green	ICV4AF	8	ALL
18	0.35	Gray	ICV4AF	6	ALL
19	-	-	-	-	-
20	0.35	Blue/Red	SP8841	R	IAPA01
21	0.5	Red/Black	ICV5AF	1	NKLE01
22	0.5	Black/Blue	ICV5AF	7	NKLE01
23	0.35	Black/Yellow	ICV5AF	2	NKLE01
24	0.35	Green/Black	ICV5AF	5	NKLE01
25	0.5	Brown	SP8860	L	ALL
26	2	Yellow	ICV5BF	19	ALL

IC91BF Instrument Panel Harness to Passenger Compartment Harness IC91BM

Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
			Connector Number	Pin Number	
1	0.5	Blue/Yellow	ICV5CF	1	IAPA01
2	0.5	Yellow/Black	ICV5CF	2	IAPA01

IC92AF Instrument Panel Harness to Passenger Compartment Harness IC92AM

Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
			Connector Number	Pin Number	
1	0.5	Brown	D8480A_B	7	HSPE02
2	0.5	Yellow	D8480A_B	8	HSPE02
3	0.5	Green/Yellow	D8301B	5	YBCO01
4	0.35	Gray	D8300F	32	YBCM01
4	0.35	Gray	D8301F	42	YBCO01
5	2	Yellow	ICV4BF	26	ALL
6	0.75	Blue	SP3513	L	ALL
7	0.35	Green/Red	SP3060	L	LIAD03
8	0.5	Orange	SP45543	R	HMP01
9	0.35	Gray	SP3060	L	LIAD03
10	0.35	Brown/Red	ICV4AF	9	YBCO01
11	0.75	Yellow/Gray	SP3516	L	ALL
12	2	Red	IPJB	39	NKLE01
13	0.5	Green/White	SP2685A	L	YBCO01
14	0.35	Green/White	ICV4BF	11	YBCM01
15	0.35	Yellow/Green	SP2681A	R	YBCO01
15	0.35	Blue	SP20303	L	YBCM01
16	0.5	Red/Black	ICV4AF	1	NKLE01
17	0.5	Black/Blue	ICV4AF	7	NKLE01
18	1.5	Orange/Red	IPJB	55	YBCO01
19	2.5	White	SP_1756	R	RHOT01
20	0.75	Red/Yellow	IPJB	16	TWL001
21	0.35	Black/White	ICV4AF	2	NKLE01
22	0.35	Green/Black	ICV4AF	5	NKLE01
23	0.35	Gray/Purple	D8301F	5	YBCO01
23	0.35	Gray/Purple	D8300F	21	YBCM01
24	0.35	Brown/Blue	D8301F	6	YBCO01
24	0.35	Brown/Blue	D8300F	1	YBCM01
25	0.35	Red/Black	SP23453	R	LIAD03&YBCO01
26	2	White	ICV4BF	19	ALL

IC92DF Instrument Panel Harness to Passenger Compartment Harness IC92DM

Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
			Connector Number	Pin Number	
1	0.5	White/Red	ICV4CF	1	IAPA01
2	0.5	Green/Yellow	ICV4CF	2	IAPA01

IC92EF Instrument Panel Harness to Passenger Compartment Harness IC92EM

Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
			Connector Number	Pin Number	
1	0.5	Black/White	D8400H	3	IRVC01
2	0.5	Black/Blue	D8400H	7	IRVC01

IC92BM Instrument Panel Harness to Passenger Compartment Harness IC92BF

Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
			Connector Number	Pin Number	
1	0.5	Orange	IPJB	4	IUSBR02
1	0.5	Orange	IPJB	4	USBR02
2	0.35	Red/White	SP8803	R	ALL
3	0.35	Green/White	D8300G	23	YBCM01 & NKLE01
4	0.35	Brown/Blue	D8300G	24	YBCM01 & NKLE01
5	0.35	Green/Red	SP3060	L	LIAD03
6	0.35	Red/Black	SP20301	R	LIAD03&YBCM01
7	0.35	Orange	ICV4AF	3	ALL
8	0.35	Yellow/Black	D8301F	12	YBCO01
8	0.35	Yellow/Black	D8300G	5	YBCM01 & NKLE01
9	0.35	Red/Black	D8301F	13	YBCO01
9	0.35	Red/Black	D8300G	6	YBCM01 & NKLE01
10	0.35	Pink	SP_6175	R	ALL
11	0.35	Yellow	ICV4BF	22	ALL
12	0.5	Green	IPJB	48	ALL
13	0.5	Red	SP45551	R	YBCO01
14	0.35	Orange	ICV4AF	4	ALL
15	0.5	Blue/White	ICV4AF	20	REFD01 & YBCM01
16	0.5	Yellow/Black	ICV4AF	19	REFD01 & YBCM01
17	0.35	Yellow	ICV4AF	18	ALL
18	0.5	Red	IPJB	7	TDPS02 TDPS06 TDPS07
19	0.35	Yellow/Red	D8300G	11	YBCM01
20	0.35	Purple	D8300G	12	YBCM01
21	0.35	Green	C0001	10	IAPA01
21	0.5	Black/White	D8311B	11	HMP00

Instrument Panel Harness Terminal Definitions

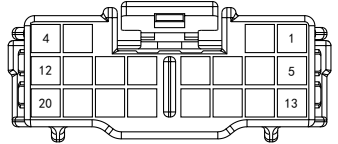
IC92GF Instrument Panel Harness to Passenger Compartment Harness IC92GM

					
Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
			Connector Number	Pin Number	
1	0.5	Black	D8400H	3	IAPA01
2	0.5	Red	D8400H	7	IAPA01

IC92HF Instrument Panel Harness to Passenger Compartment Harness IC92HM

					
Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
			Connector Number	Pin Number	
1	0.5	Black/Red	D8400H	3	IAVW01&IAPA01
2	0.5	Green/Red	D8400H	7	IAVW01&IAPA01

ICV4AF Instrument Panel Harness to Left Front Door Harness ICV4M

					
Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
			Connector Number	Pin Number	
1	0.5	Red/Black	IC92AF	16	NKLE01
2	0.35	Black/Yellow	IC92AF	21	NKLE01
3	0.35	Orange	IC92BM	7	ALL
4	0.35	Orange	IC92BM	14	ALL
5	0.35	Green/Black	IC92AF	22	NKLE01
6	0.35	Gray	IC91F	18	ALL
7	0.5	Black/Blue	IC92AF	17	NKLE01
8	0.35	Green	IC91F	17	ALL
9	0.35	Brown/Red	D8300F	33	YBCM01
9	0.35	Brown/Red	IC92AF	10	YBDC01
10	0.35	Brown	D8300G	21	YBCM01 & NKLE01
10	0.35	Green	D8301F	30	YBDC01
11	0.35	Red/Yellow	SP43507	R	ALL
12	0.35	Red/Yellow	SP43507	R	NKLE01
13	0.35	Brown	SP_6175	L	ALL
14	0.35	Orange	SP37	R	YBDC01
14	0.35	Orange/Blue	SP20305	R	YBCM01
15	0.35	White	SP8841	L	ALL
16	-	-	-	-	-
17	0.35	Black/Red	D8300F	17	YBCM01
17	0.35	Black/Red	IC01AF	15	YBDC01
18	0.35	Yellow	IC92BM	17	ALL
19	0.5	Yellow/Black	IC92BM	16	REFD01 & YBCM01
19	0.5	Yellow/Black	D8301F	50	REFD01 & YBDC01
20	0.5	Blue/White	IC92BM	15	REFD01 & YBCM01
20	0.5	White/Black	D8301F	49	REFD01 & YBDC01

ICV4CF Instrument Panel Harness to Left Front Door Harness ICV4CM

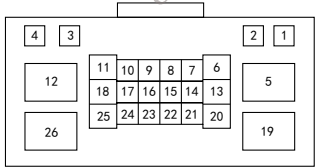
					
Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
			Connector Number	Pin Number	
1	0.5	White/Red	IC92DF	1	IAPA01
1	0.5	White/Red	D8400H	2	IAVW01&IAPA01
2	0.5	Green/Yellow	IC92DF	2	IAPA01
2	0.5	Green/Yellow	D8400H	6	IAVW01&IAPA01

ICV5CF Instrument Panel Harness to Right Front Door Harness ICV5CM

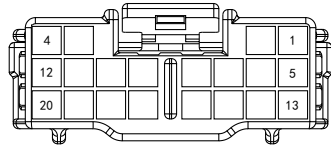
					
Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
			Connector Number	Pin Number	
1	0.5	Blue/Yellow	IC91BF	1	IAPA01
1	0.5	Blue/Yellow	D8400H	1	IAVW01&IAPA01
2	0.5	Yellow/Black	IC91BF	2	IAPA01
2	0.5	Yellow/Black	D8400H	5	IAVW01&IAPA01

Instrument Panel Harness Terminal Definitions

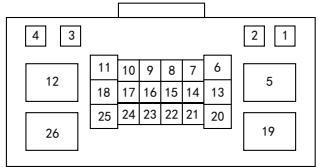
ICV4BF Instrument Panel Harness to Left Front Door Harness ICV4M

					
Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
			Connector Number	Pin Number	
1	0.35	Brown/Green	SP3060	L	LIAD03
2	0.5	Brown	D8300F	37	YBCM01
2	0.5	Brown	IC92BM	24	YBDC01
3	-	-	-	-	-
4	0.5	Yellow/Black	D8300F	2	YBCM01
4	0.5	Yellow/Black	D8301F	38	YBDC01
5	-	-	-	-	-
6	0.75	Green/Yellow	SP3513	R	ALL
7	0.35	Red/Black	SP23453	R	LIAD03
8	0.35	Blue/Green	ICV5BF	8	REFD01
9	0.5	Yellow/Black	ICV5BF	9	REFD01
10	0.5	Green	SP1141	L	RHOT01
11	0.35	Green/White	IC92AF	14	YBCM01
11	0.35	Green/White	SP2685A	R	YBDC01
12	0.5	Green	SP8430A	R	ALL
13	0.5	Red	SP8431A	R	ALL
14	0.35	Brown	SP8860	R	ALL
15	0.35	Blue	ICV5BF	15	ALL
16	0.35	White/Red	ICV5BF	16	ALL
17	0.35	Red/Green	ICV5BF	17	ALL
18	1	Black	SP_M101	R	ALL
19	2	White	IC92AF	26	ALL
20	-	-	-	-	-
21	-	-	-	-	-
22	0.35	Yellow	IC92BM	11	ALL
23	0.35	Blue	IC92BM	27	ALL
24	0.5	Purple	D8300F	40	YBCM01 & REFD01
24	0.5	Purple	IC92BM	26	YBDC01 & REFD01
25	0.75	Yellow/Gray	SP3516	L	ALL
26	2	Yellow	IC92AF	5	ALL

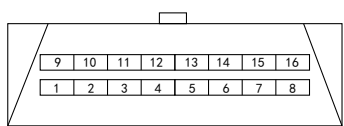
ICV5AF Instrument Panel Harness to Right Front Door Harness ICV5M

					
Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
			Connector Number	Pin Number	
1	0.5	Red/Black	IC91F	21	NKLE01
2	0.35	Black/Yellow	IC91F	23	NKLE01
3	-	-	-	-	-
4	-	-	-	-	-
5	0.35	Green/Black	IC91F	24	NKLE01
6	-	-	-	-	-
7	0.5	Black/Blue	IC91F	22	NKLE01
8	-	-	-	-	-
9	0.35	Yellow/Red	IC01AF	4	YBDC01
9	0.35	Yellow/Red	D8300F	34	YBCM01
10	-	-	-	-	-
11	-	-	-	-	-
12	-	-	-	-	-
13	0.35	Red	SP_6175	R	ALL
14	-	-	-	-	-
15	-	-	-	-	-
16	-	-	-	-	-
17	-	-	-	-	-
18	0.35	Green	IC91F	16	ALL
19	-	-	-	-	-
20	-	-	-	-	-

ICV5BF Instrument Panel Harness to Right Front Door Harness ICV5M

					
Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
			Connector Number	Pin Number	
1	0.35	Gray	SP3060	R	LIAD03
2	-	-	-	-	-
3	0.35	Yellow	D8301F	20	YBDC01&&VAAC01
3	0.35	Yellow	IC60A	8	VEAC01
4	0.35	Red	SP9101	L	VAAC01
4	0.35	Red	IC60A	10	VEAC01
5	-	-	-	-	-
6	0.75	Green/Yellow	SP3513	R	ALL
7	0.35	Red/Black	SP23453	R	LIAD03
8	0.35	Blue/Green	ICV4BF	8	REFD01
9	0.5	Yellow/Black	ICV4BF	9	REFD01
10	0.5	Green	SP1141	R	RHOT01
11	0.35	White	IC91F	7	ALL
12	0.5	White	SP8410A	R	ALL
13	0.5	Red/White	SP8411A	R	ALL
14	0.35	Brown	SP8860	L	ALL
15	0.35	Blue	ICV4BF	15	ALL
16	0.35	White/Red	ICV4BF	16	ALL
17	0.35	Red/Green	ICV4BF	17	ALL
18	0.5	Black	SP_M106	R	ALL
19	2	Yellow	IC91F	26	ALL
20	-	-	-	-	-
21	-	-	-	-	-
22	0.35	White	IC91F	8	ALL
23	-	-	-	-	-
24	-	-	-	-	-
25	0.75	Yellow/Gray	SP3516	R	ALL
26	2	White	IC91F	5	ALL

T0001 Test Diagnostic Interface

					
Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
			Connector Number	Pin Number	
2	0.5	Blue	IC01AF	37	TEST
3	0.35	Blue	SP_9000T	L	TEST
4	0.5	Black	SP_910	L	TEST
5	0.5	Black	SP_910	L	TEST
6	0.35	Blue	SP_9040T	L	TEST
7	0.5	Blue	SP25017	R	TEST
8	0.35	Pink	SP_9001T	L	TEST
9	-	-	-	-	-
9	0.5	Pink	IC01AF	38	TEST
10	0.35	Blue	SP_9010T	R	TEST
11	0.35	Pink	SP_9011T	R	TEST
12	0.5	Pink	SP25018	R	TEST
13	0.35	Pink	SP_9041T	L	TEST
14	-	-	-	-	-
15	0.5	Red/Green	SP_TB01	R	TEST
16	-	-	-	-	-

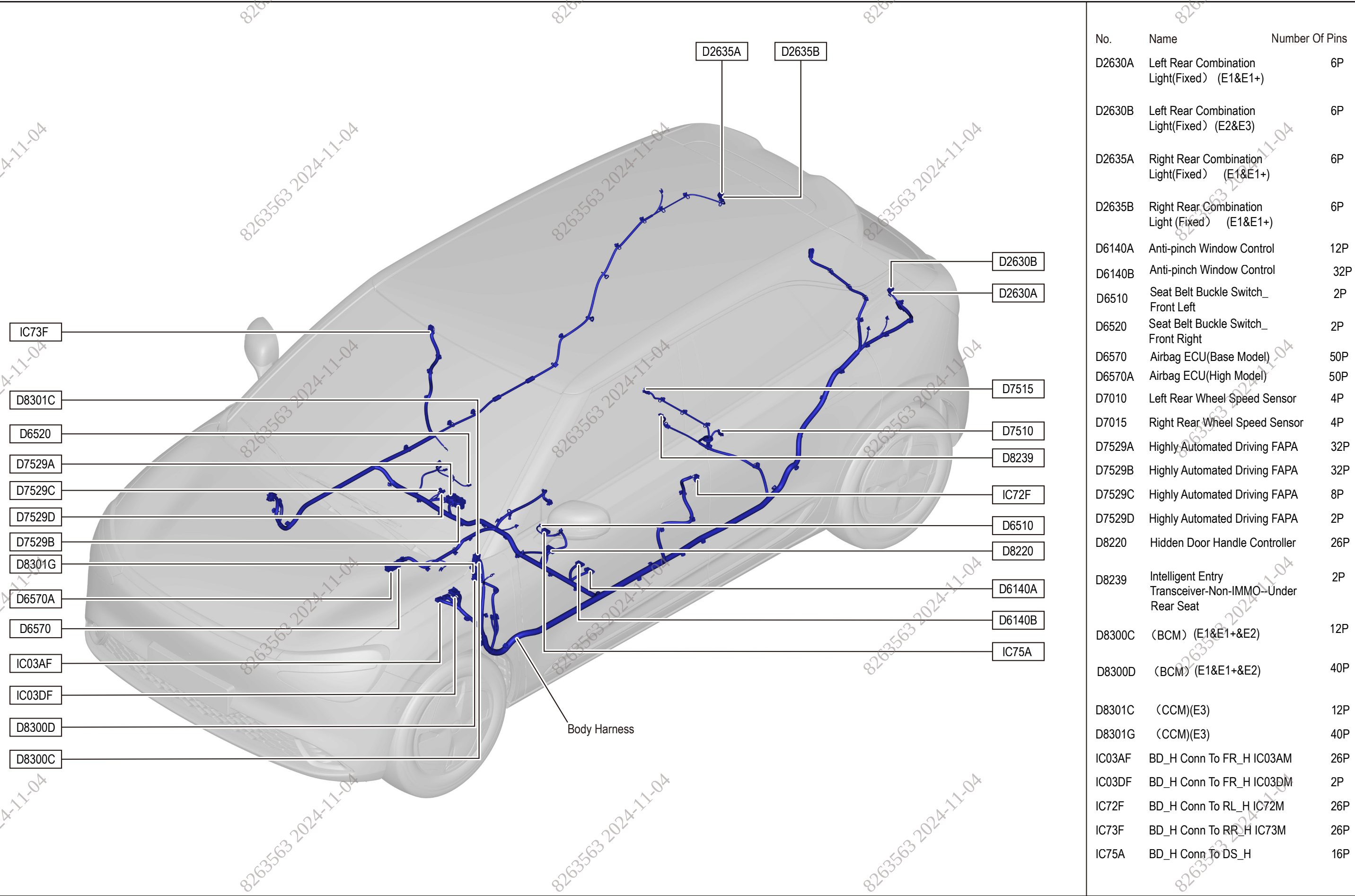
Instrument Panel Harness Splice Point List

Splice Point	Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
				Connector Number	Pin Number	
SP43507	R	0.35	Red/Yellow	ICV4AF	11	ALL
	R	0.35	Red/Yellow	ICV4AF	12	NKLE01
	R	0.5	Red/Yellow	IPJB	42	ALL
SP_6175	L	0.35	Brown	ICV4AF	13	ALL
	R	0.35	Pink	IC92BM	10	ALL
	R	0.35	Red	ICV5AF	13	ALL
SP8841	L	0.35	White	ICV4AF	15	ALL
	R	0.5	Pink	IPJB	3	ALL
	R	0.35	Blue/Red	IC91F	20	IAPA01
SP2681A	R	0.35	Yellow/Green	IC92AF	15	YBCM01
	R	0.35	Yellow/Green	IC01AF	24	YBCM01
	R	0.35	Yellow/Green	D8301F	35	YBCM01
	R	0.35	Yellow/Green	SP9301	R	YBCM01
SP_IG1	L	0.5	White/Black	D8301F	15	YBCM01
	R	0.5	White/Black	D8300G	13	YBCM01
	R	0.35	White/Black	IPJB	20	ALL
SP_TB01	R	0.5	Red/Green	IPJB	30	ALL
	R	0.5	Red/Green	C0001	16	ALL
	R	0.5	Red/Green	T0001	16	TEST
SP20305	L	0.5	Orange/Blue	D6602	2	HMP00
	L	0.35	Orange/Blue	D6600	5	YBCM01
	R	0.5	Orange/Blue	D3030	4	YBCM01
	R	0.35	Orange/Blue	D8311B	4	YBCM01
	R	0.35	Orange/Blue	ICV4AF	14	YBCM01
	R	0.5	Orange/Blue	IC92BM	28	YBCM01
SP_1756	L	2.5	White	D1721	5	RHOT01
	R	2.5	White	IC92AF	19	RHOT01
	R	0.5	White	IPJB	56	RHOT01
SP_9010T	R	0.35	Blue	SP_9010F	R	ALL
	R	0.35	Blue	IC01BF	6	ALL
	R	0.35	Blue	T0001	11	TEST
SP_9011T	R	0.35	Blue	C0001	11	YBCM01
	R	0.35	Pink	SP_9011F	R	ALL
	R	0.35	Pink	IC01BF	7	ALL
	R	0.35	Pink	T0001	12	TEST
	R	0.35	Pink	C0001	12	YBCM01
SP45551	R	0.5	Red	IPJB	53	YBCM01
	R	0.5	Red	D8301B	14	YBCM01
	R	0.5	Red	IC92BM	13	YBCM01
SP3513	L	0.75	Blue	IC92AF	6	ALL
	R	1	Green	D8300E	8	YBCM01
	R	0.75	Green/Yellow	ICV5BF	6	ALL
SP1141	R	0.75	Green/Yellow	ICV4BF	6	ALL
	L	0.5	Green	ICV4BF	10	RHOT01
	L	0.5	Black/Blue	IPJB	57	RHOT01
SP20301	R	0.5	Green	ICV5BF	10	RHOT01
	L	0.35	Red/Black	D8300F	20	LIAD03&YBCM01
	R	0.35	Red/Black	IC92BM	6	LIAD03&YBCM01
SP8803	R	0.35	Red/Black	SP23453	R	LIAD03&YBCM01
	L	0.35	Brown/Green	D8300F	25	YBCM01
	R	0.35	Red	D8350	4	ALL
SP_910	R	0.35	Brown/Green	D8301F	19	YBCM01
	R	0.5	Purple	IPJB	2	ALL
	R	0.35	Pink/Blue	SP6245A	R	ALL
	R	0.35	Red/White	IC92BM	2	ALL
	L	0.5	Black	C0001	4	ALL
SP_M101	L	0.5	Black	C0001	5	ALL
	L	0.5	Black	SP_M101	R	ALL
	L	0.5	Black	T0001	4	TEST
	L	0.5	Black	T0001	5	TEST
SP_9040T	L	0.35	Blue	T0001	6	TEST
	L	0.35	Blue	C0001	6	YBCM01
	R	0.35	Blue	IC01AF	33	ALL
	R	0.35	Blue	SP_9040K	L	ALL
	L	0.35	Black	D3009	4	LIAD03
SP_M101	R	3	Black	GP101	1	ALL
	R	0.5	Black	D8301E	29	YBCM01
	R	0.5	Black	D8300F	22	YBCM01
	R	1	Black	ICV4BF	18	ALL
	R	0.5	Black	D8301F	11	YBCM01
	R	0.35	Black	SP_910	L	ALL
	R	0.35	Black/Red	D8311B	1	ALL
SP45525	R	0.5	Red	SPM101J	R	ALL
	L	0.5	Black/Blue	IC92BM	23	IAPA01
	R	0.5	Black/Blue	D7562A	8	IADA02
	R	0.5	Black/Blue	IPJB	28	IADA02 IAPA01

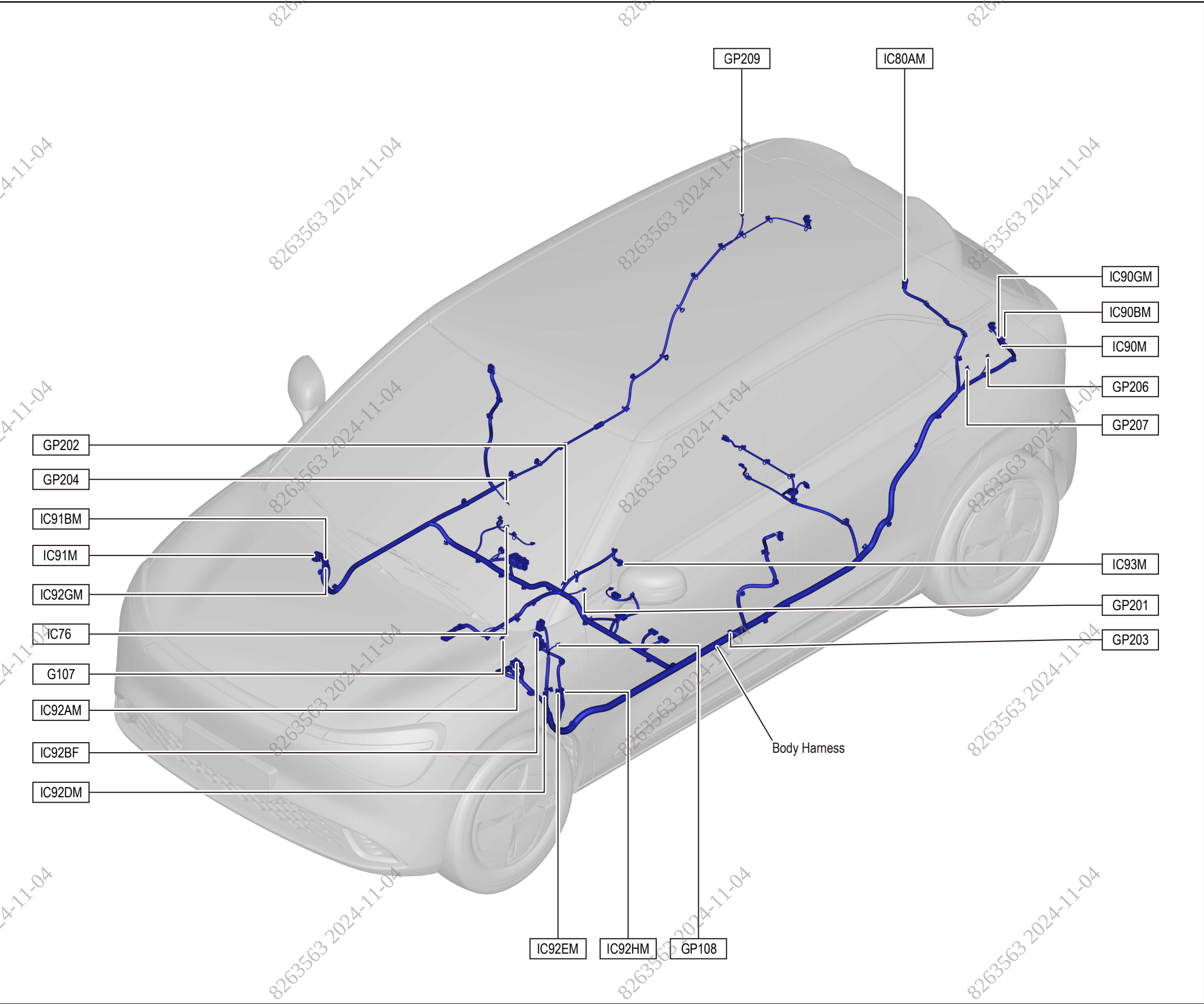
Splice Point	Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
				Connector Number	Pin Number	
SP_9041T	L	0.35	Pink	T0001	14	TEST
	L	0.35	Pink	C0001	14	YBCM01
	R	0.35	Pink	IC01AF	34	ALL
SP_9000T	R	0.35	Pink	SP_9041K	L	ALL
	L	0.35	Blue	T0001	3	TEST
	L	0.35	Blue	C0001	3	YBCM01
SP_9001T	R	0.35	Blue	D8304	2	ALL
	R	0.35	Blue	SP_9000ET	R	ALL
	L	0.35	Pink	T0001	8	TEST
SP25017	L	0.35	Pink	C0001	8	YBCM01
	R	0.35	Pink	D8304	1	ALL
	R	0.35	Pink	SP_9001ET	R	ALL
SP20303	L	0.5	Blue	C0001	7	ALL
	R	0.5	Blue	T0001	7	TEST
	R	0.5	Yellow	IC01BF	15	ALL
SP23453	L	0.35	Yellow	D8300F	19	YBCM01
	L	0.35	Yellow	IC92AF	15	YBCM01
	R	0.35	Yellow/Green	SP9301	R	YBCM01
SP25018	R	0.35	Yellow/Green	IC01AF	31	YBCM01
	L	0.35	Red/Black	D3009	2	LIAD03
	R	0.35	Red/Black	IC92AF	25	LIAD03&YBCM01
SP2685A	R	0.35	Red/Black	ICV4BF	7	LIAD03
	R	0.35	Red/Black	SP23463	R	LIAD03
	R	0.35	Red/Black	ICV5BF	7	LIAD03
SP45543	R	0.35	Red/Black	D3002A	2	LIAD03
	R	0.35	Red/Black	IC92BM	25	LIAD03
	R	0.35	Red/Black	SP20301	R	LIAD03&YBCM01
SP37	L	0.5	Pink	C0001	13	ALL
	R	0.5	Pink	T0001	13	TEST
	R	0.5	White	IC01BF	16	ALL
SP45510	L	0.5	Green/White	IC92AF	13	YBCM01
	L	0.5	Green/White	D8301B	6	YBCM01
	R	0.35	Green/White	ICV4BF	11	YBCM01
SP45510	L	0.5	Orange	D8412B	1	ALL
	R	0.5	Orange	IPJB	15	ALL
	R	0.5	Orange	D8412A	1	HMP00
SP45510	R	0.5	Orange	D8412	1	HMP01
	R	0.5	Orange	IC92AF	8	HMP01
	L	0.35	White	D3030	4	YBCM01
SP45510	R	0.35	Orange	ICV4AF	14	YBCM01
	R	0.35	Orange	D6600	5	YBCM01
	R	0.35	White	D8311B	4	YBCM01
SP45510	R	0.5	Orange/Blue	D8301F	27	YBCM01
	L	0.5	Black	D8006	4	YBCM01&NKLE01
	L	4	Black	GP109	1	ALL
SP45510	R	0.35	Black	D8040A	3	ALL
	R	0.35	Black	IPJB	35	ALL
	R	1.5	Black	D8300E	6	YBCM01
SP45510	R	1.5	Black	D8301B	15	YBCM01
	R	0.35	Black	IPJB	18	ALL
	R	0.5	Black	D8300	3	ALL
SP45510	R	0.35	Black	D6600	1	ALL
	R	0.35	Black	D6600	4	ALL
	R	0.35	Black	D6602	5	HMP00
SP45510	R	4	Black	GP102	1	ALL
	L	0.35	Blue	D8350	8	ALL
	R	0.35	Blue	SP_9040S	R	ALL
SP45510	R	0.35	Blue	SP_9040K	R	ALL
	L	0.35	Pink	D8350	9	ALL
	R	0.35	Pink	SP_9041S	R	ALL
SP45510	R	0.35	Pink	SP_9041K	R	ALL
	L	0.5	Black	D8304	11	ALL
	L	0.5	Black	D8304	12	ALL
SP45510	R	0.5	Red	SP_M101	R	ALL
	L	0.35	Yellow/Green	D3030	2	ALL
SP45510	R	0.35	Yellow/Green	SP2681A	R	YBCM01
	R	0.35	Yellow/Green	SP20303	R	YBCM01
	L	0.35	Blue	SP_9040T	R	ALL
SP45510	R	0.35	Blue	D8304	8	YBCM01
	R	0.35	Blue	SP_9040W	R	ALL
	L	0.35	Pink	SP_9041T	R	ALL
SP45510	R	0.35	Pink	D8304	7	YBCM01
	R	0.35	Pink	SP_9041W	R	ALL
	L	0.35	White	IPJB	47	ALL
SP45510	R	0.35	White	D1721	1	RHOT01
	R	0.35	Red	D1721A	1	ALL
	L	1	Gray	D8300E	9	YBCM01
SP45510	L	0.75	Yellow/Gray	ICV4BF	25	ALL
	L	0.75	Yellow/Gray	IC92AF	11	ALL
	R	0.75	Yellow/Gray	ICV5BF	25	ALL

Splice Point	Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
				Connector Number	Pin Number	
SP3601	L	0.35	Blue/Green	D3050	1	NKLE01
	L	0.5	Blue/Green	D3030	1	ALL
	R	0.5	Blue/Green	D8300E	3	YBCM01
SP8431A	R	0.5	Blue/Green	D8301B	9	YBCM01
	L	0.5	Red	D8440	2	ALL
	R	0.5	Red	D8480A_B	6	ALL
SP8430A	R	0.5	Red	ICV4BF	13	ALL
	L	0.5	Green	D8440	1	ALL
	R	0.5	Green	D8480A_B	5	ALL
SP3060	R	0.5	Green	ICV4BF	12	ALL
	L	0.35	Green/Red	IC92AF	7	LIAD03
	L	0.35	Gray	IC92AF	9	LIAD03
SP9000ET	L	0.35	Brown/Green	ICV4BF	1	LIAD03
	L	0.35	Green/Red	D3009	1	LIAD03
	L	0.35	Green/Red	IC92BM	5	LIAD03
SP9001ET	R	0.35	Gray	D3002A	1	LIAD03
	R	0.35	Gray	ICV5BF	1	LIAD03
	R	0.35	Green/Red	SP23462	R	LIAD03
SP_M502	L	0.35	Blue	D8521	2	YETC01
	R	0.35	Blue	SP_9000MP	L	ALL
	R	0.35	Blue	SP_9000T	R	ALL
SP245A	L	0.35	Pink	D8521	1	YETC01
	R	0.35	Pink	SP_9001MP	L	ALL
	R	0.35	Pink	SP_9001T	R	ALL
SP_9010F	L	1.5	Black	GP502	1	ALL
	L	0.5	Black	D7562A	2	IADA02
	L	0.5	Black	D3030	5	ALL
SP_9010F	L	0.35	Black	D8521	4	YETC01
	L	0.5	Black	D8412B	2	ALL
	R	0.35	Black	D3050	2	NKLE01
SP_9010F	L	0.35	Pink/Blue	D7562A	16	IADA02
	L	0.35	Pink/Blue	D8521	5	YETC01
	L	0.35	Pink/Blue	D8521	3	YETC01
SP_9011F	R	0.35	Pink/Blue	SP8803	R	ALL
	L	0.35	Blue	D7562A	12	IADA02
	R	0.35	Blue	SP_9010T	R	ALL
SP45510	R	0.35	Blue	SP_9010X	R	ALL
	L	0.35	Pink	D7562A	3	IADA02
	R	0.35	Pink	SP_9011T	R	ALL
SP45510	L	0.5	Red	IPJB	26	HMP01

Body Harness Position Diagram

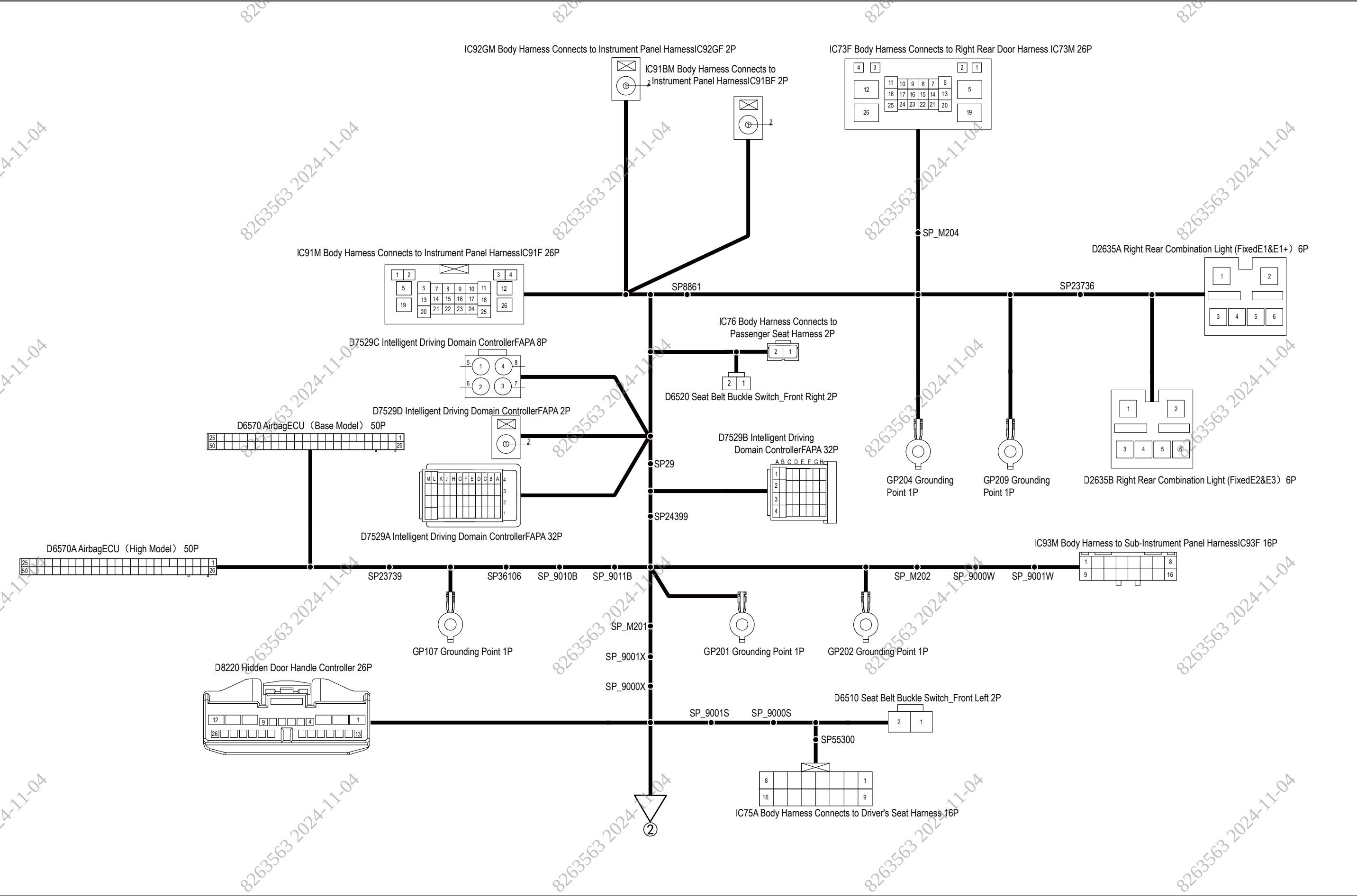


Body Harness Position Diagram

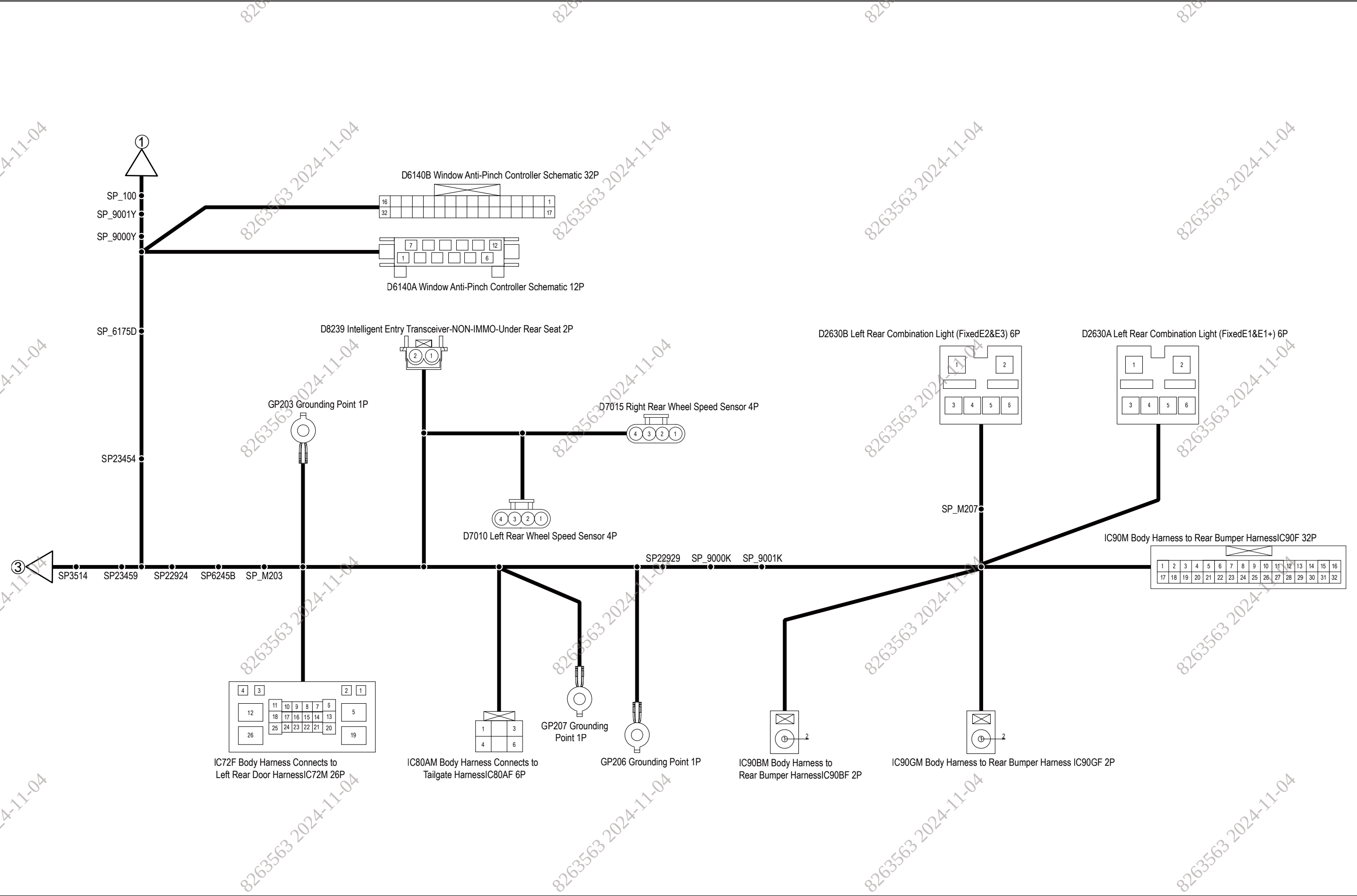


No.	Name	Number Of Pins
IC76	BD_H Conn To Passenger Seat Harness	2P
IC80AM	BD_H Conn To TGAuxiliary Harness IC80AF	6P
IC90BM	BD_H Conn To RB_H IC90BF	2P
IC90GM	BD_H Conn To RB_H IC90GF	2P
IC90M	BD_H Conn To RB_H IC90F	32P
IC91BM	BD_H Conn To IP_H IC91BF	2P
IC91M	BD_H Conn To IP_H IC91F	26P
IC92AM	BD_H Conn To IP_H IC92AF	26P
IC92BF	BD_H Conn To IP_H IC92BM	32P
IC92DM	BD_H Conn To IP_H IC92DF	2P
IC92EM	BD_H Conn To IP_H IC92EF	2P
IC92GM	BD_H Conn To IP_H IC92GF	2P
IC92HM	BD_H Conn To IP_H IC92HF	2P
IC93M	BD_H Conn To SIP_H IC93F	16P
G107	GP	1P
GP108	GP	1P
GP201	GP	1P
GP202	GP	1P
GP203	GP	1P
GP204	GP	1P
GP206	GP	1P
GP207	GP	1P
GP209	GP	1P

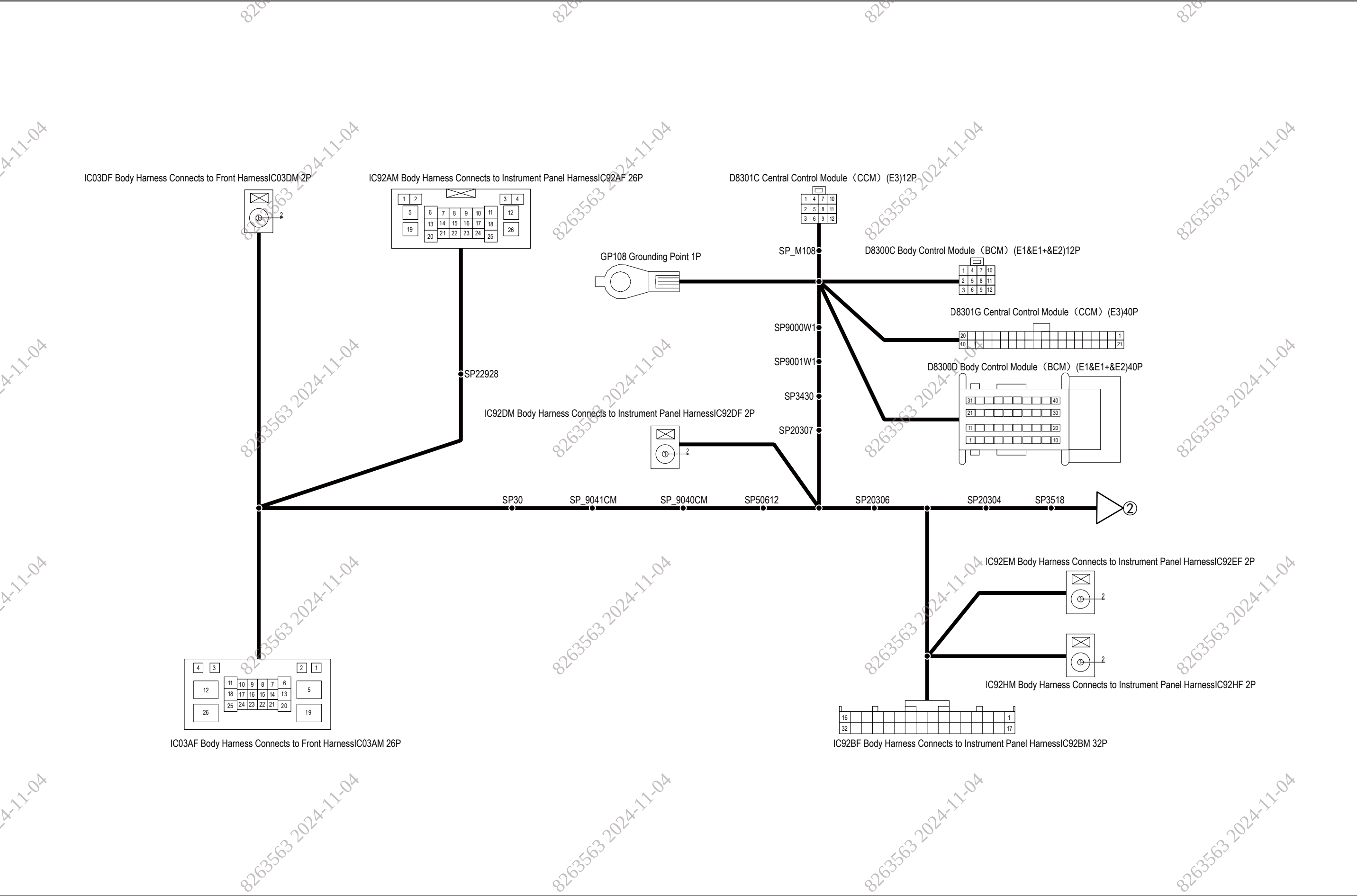
Body Harness Structural Diagram



Body Harness Structural Diagram



Body Harness Structural Diagram



Passenger Compartment Harness Electrical Component List

Control Unit			
Component Number	Component Name	Number of Pins	Remarks
D6140A	Anti-pinch Window Control	12P	-
D6140B	Anti-pinch Window Control	32P	-
D6570	Airbag ECU (Base Model)	50P	-
D6570A	Airbag ECU (High Model)	50P	-
D7529A	Highly Automated Driving FAPA	32P	-
D7529B	Highly Automated Driving FAPA	32P	-
D7529C	Highly Automated Driving FAPA	8P	-
D7529D	Highly Automated Driving FAPA	2P	-
D6220	Hidden Door Handle Controller	26P	-
D8300C	Body Control Unit BCM	12P	E1&E1+&E2 Configuration
D8300D	Body Control Unit BCM	40P	E1&E1+&E2 Configuration
D6301C	Central Control Module CCM	12P	E3 Configuration
D6301G	Central Control Module CCM	40P	E3 Configuration

Appliances			
Component Number	Component Name	Number of Pins	Remarks
D2630A	Left Rear Combination Light (Fixed Side) (Base Model)	6P	E1&E1+ Configuration
D2630B	Left Rear Combination Light (Fixed Side) (High Model)	6P	E2&E3 Configuration
D2635A	Right Rear Combination Light (Fixed Side) (Base Model)	6P	E1&E1+ Configuration
D2635B	Right Rear Combination Light (Fixed Side) (High Model)	6P	E2&E3 Configuration
D6510	Seat Belt Buckle Switch_Front Left	2P	-
D6520	Seat Belt Buckle Switch_Front Right	2P	-
D6239	Intelligent Entry Transceiver-Non-IMMO-Under Rear Seat	2P	-

Sensor			
Component Number	Component Name	Number of Pins	Remarks
D7010	Left Rear Wheel Speed Sensor	4P	-
D7015	Right Rear Wheel Speed Sensor	4P	-

Grounding Point			
Component Number	Component Name	Number of Pins	Remarks
G107	Grounding Point	1P	-
GP108	Grounding Point	1P	-
GP201	Grounding Point	1P	-
GP202	Grounding Point	1P	-
GP203	Grounding Point	1P	-
GP204	Grounding Point	1P	-
GP206	Grounding Point	1P	-
GP207	Grounding Point	1P	-
GP209	Grounding Point	1P	-

Docking Connector			
Component Number	Component Name	Number of Pins	Remarks
IC03AF	Passenger Compartment Harness to Front Wiring Harness IC03AM	26P	-
IC03DF	Passenger Compartment Harness to Front Wiring Harness IC03DM	2P	-
IC72F	Passenger Compartment Harness to Left Rear Door Harness IC72M	26P	-
IC73F	Passenger Compartment Harness to Right Rear Door Harness IC73M	26P	-
IC75A	Passenger Compartment Harness to Driver Seat Harness	16P	-
IC76	Passenger Compartment Harness to Passenger Seat Harness	2P	-
IC80AM	Passenger Compartment Harness to Tailgate Auxiliary Harness IC80AF	6P	-
IC90BM	Passenger Compartment Harness to Rear Bumper Harness IC90BF	2P	-
IC90GM	Passenger Compartment Harness to Rear Bumper Harness IC90GF	2P	-
IC90M	Passenger Compartment Harness to Rear Bumper Harness IC90F	32P	-
IC91BM	Passenger Compartment Harness to Instrument Panel Harness IC91BF	2P	-
IC91M	Passenger Compartment Harness to Instrument Panel Harness IC91F	26P	-
IC92AM	Passenger Compartment Harness to Instrument Panel Harness IC92AF	26P	-
IC92BF	Passenger Compartment Harness to Instrument Panel Harness IC92BM	32P	-
IC92DM	Passenger Compartment Harness to Instrument Panel Harness IC92DF	2P	-
IC92EM	Passenger Compartment Harness to Instrument Panel Harness IC92EF	2P	-
IC92GM	Passenger Compartment Harness to Instrument Panel Harness IC92GF	2P	-
IC92HM	Passenger Compartment Harness to Instrument Panel Harness IC92HF	2P	-
IC93M	Passenger Compartment Harness to Sub-Instrument Panel Harness IC93F	16P	-

Docking Connector			
Component Number	Component Name	Number of Pins	Remarks
IC92HM	Passenger Compartment Harness to Instrument Panel Harness IC92HF	2P	-
IC93M	Passenger Compartment Harness to Sub-Instrument Panel Harness IC93F	16P	-

Passenger Compartment Harness Terminal Definitions

D6140A Anti-pinch Window Control

Hole Position	Wire Diameter	Wire Color	Connector Number	Pin Number	Function	Configuration
1	3	White	IC03AF	12	Power Supply	ALL
2	3	Blue	IC03AF	26	Power Supply	ALL
3	2	Black	SP_100	L	Ground	ALL
4	2	Black	SP_100	L	Ground	ALL
5	2	Yellow	IC73F	12	Right Rear Up	ALL
6	2	White	IC73F	26	Right Rear Up	ALL
7	2	Yellow	IC92AM	5	Left Front Up	ALL
8	2	Green	IC92AM	26	Left Front Down	ALL
9	2	White	IC91M	5	Right Front Up	ALL
10	2	Red	IC91M	26	Right Front Down	ALL
11	2	Yellow	IC72F	12	Left Rear Up	ALL
12	2	White	IC72F	26	Left Rear Down	ALL

D6140B Anti-pinch Window Control

Hole Position	Wire Diameter	Wire Color	Connector Number	Pin Number	Function	Configuration
1	0.5	Green	IC92BF	12	Power Supply	ALL
2	0.5	Black	SP_6175D	R	Ground	ALL
3	-	-	-	-	-	-
4	0.35	Yellow	IC92BF	11	Main Driver Left Front Window Switch	-
5	-	-	-	-	-	-
6	0.35	Green	IC91M	17	Main Driver Right Front Window Switch	ALL
7	0.35	White	IC91M	8	Passenger Right Front Window Switch	ALL
8	0.35	Orange	IC92BF	14	Main Driver Left Rear Window Switch	ALL
9	0.35	Blue	IC72F	3	Passenger Left Rear Window Switch	ALL
10	0.35	Gray	IC91M	18	Main Driver Right Rear Window Switch	ALL
11	0.35	Red	IC73F	3	Passenger Right Rear Window Switch	ALL
12	0.35	Orange	IC92BF	7	Window Lock Switch	ALL
13	-	-	-	-	-	-
14	-	-	-	-	-	-
15	0.35	Pink	SP_9001Y	L	CAN_L	ALL
16	0.35	Blue	SP_9000Y	L	CAN_H	ALL
17	-	-	-	-	-	-
18	-	-	-	-	-	-
19	-	-	-	-	-	-
20	0.35	Yellow	IC92BF	17	Left Front Short Drop Switch	ALL
21	0.35	Green	IC91M	16	Right Front Short Drop Switch	ALL

Hole Position	Wire Diameter	Wire Color	Connector Number	Pin Number	Function	Configuration
22	0.35	Orange	IC72F	21	Left Rear Short Drop Switch	ALL
23	0.35	Gray	IC73F	21	Right Rear Short Drop Switch	ALL
24	-	-	-	-	-	-
25	0.35	Blue	IC92BF	27	Window Lock Indicator Light Drive	ALL
26	-	-	-	-	-	-
27	-	-	-	-	-	-
28	-	-	-	-	-	-
29	-	-	-	-	-	-
30	-	-	-	-	-	-
31	-	-	-	-	-	-
32	-	-	-	-	-	-

D6570 Airbag ECU

Hole Position	Wire Diameter	Wire Color	Connector Number	Pin Number	Function	Configuration
1	-	-	-	-	-	-
2	-	-	-	-	-	-
3	-	-	-	-	-	-
4	-	-	-	-	-	-
5	0.5	Orange	IC92BF	1	Power Supply	IUSBR02
6	0.5	Black	SP23739	R	Ground	IUSBR02
7	-	-	-	-	-	-
8	0.35	Yellow	D6510	1	Driver's Seat Belt Buckle Switch High End	IUSBR02
9	-	-	-	-	-	-
10	0.5	Blue	IC92BF	32	Driver Airbag Drive Low Side	IUSBR02
11	0.5	Green	IC92BF	31	Driver Airbag Drive High Side	IUSBR02
12	-	-	-	-	-	-
13	0.5	Green/Red	IC91M	13	Front Passenger Airbag Drive High End	USAB02 & IUSBR02
14	0.5	Green/White	IC91M	6	Front Passenger Airbag Drive Low End	USAB02 & IUSBR02
15	0.35	Blue	SP_9010B	R	CAN_H	IUSBR02
16	-	-	-	-	-	-
17	-	-	-	-	-	-
18	-	-	-	-	-	-
19	-	-	-	-	-	-
20	-	-	-	-	-	-
21	-	-	-	-	-	-
22	-	-	-	-	-	-
23	-	-	-	-	-	-
24	-	-	-	-	-	-
25	-	-	-	-	-	-
26	-	-	-	-	-	-
27	-	-	-	-	-	-
28	-	-	-	-	-	-
29	-	-	-	-	-	-
30	-	-	-	-	-	-
31	-	-	-	-	-	-
32	-	-	-	-	-	-
33	-	-	-	-	-	-
34	0.35	Orange/Blue	SP3430	R	Collision Output	IUSBR02
35	-	-	-	-	-	-
36	-	-	-	-	-	-
37	-	-	-	-	-	-
38	-	-	-	-	-	-
39	-	-	-	-	-	-
40	0.35	Pink	SP_9011B	R	CAN_L	IUSBR02
41	-	-	-	-	-	-
42	-	-	-	-	-	-
43	-	-	-	-	-	-
44	-	-	-	-	-	-
45	-	-	-	-	-	-
46	-	-	-	-	-	-
47	0.35	Green	SP36106	R	Seat Belt Buckle Switch Low End	IUSBR02
48	-	-	-	-	-	-
49	-	-	-	-	-	-
50	-	-	-	-	-	-

D6570A Airbag ECU

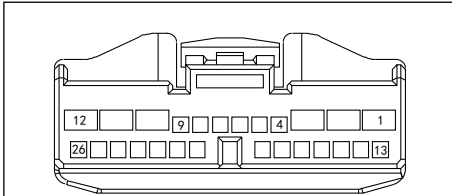
Hole Position	Wire Diameter	Wire Color	Connector Number	Pin Number	Function	Configuration
1	-	-	-	-	-	-
2	-	-	-	-	-	-
3	-	-	-	-	-	-
4	-	-	-	-	-	-
5	0.5	Orange	IC92BF	1	Power Supply	USBR02
6	0.5	Black	SP23739	R	Ground	USBR02
7	-	-	-	-	-	-
8	0.35	Yellow	D6510	1	Driver's Seat Belt Buckle Switch High End	USBR02
9	-	-	-	-	-	-
10	0.5	Blue	IC92BF	32	Driver Airbag Drive Low Side	USBR02
11	0.5	Green	IC92BF	31	Driver Airbag Drive High Side	USBR02
12	0.35	Gray	D6520	1	Front Passenger Seat Belt Buckle Switch High End	USBR02
13	0.5	Green/Red	IC91M	13	Front Passenger Airbag Drive High End	USBR02
14	0.5	Green/White	IC91M	6	Front Passenger Airbag Drive Low End	USBR02
15	0.35	Blue	SP_9010B	R	CAN_H	USBR02
16	-	-	-	-	-	-
17	-	-	-	-	-	-
18	-	-	-	-	-	-
19	-	-	-	-	-	-
20	-	-	-	-	-	-
21	-	-	-	-	-	-
22	-	-	-	-	-	-
23	-	-	-	-	-	-
24	-	-	-	-	-	-
25	-	-	-	-	-	-
26	-	-	-	-	-	-
27	-	-	-	-	-	-
28	-	-	-	-	-	-
29	-	-	-	-	-	-
30	-	-	-	-	-	-
31	-	-	-	-	-	-
32	-	-	-	-	-	-
33	-	-	-	-	-	-
34	0.35	Orange/Blue	SP3430	R	Collision Output	USBR02
35	-	-	-	-	-	-
36	-	-	-	-	-	-
37	-	-	-	-	-	-
38	-	-	-	-	-	-
39	-	-	-	-	-	-
40	0.35	Pink	SP_9011B	R	CAN_L	USBR02
41	-	-	-	-	-	-
42	-	-	-	-	-	-
43	-	-	-	-	-	-
44	-	-	-	-	-	-
45	-	-	-	-	-	-
46	-	-	-	-	-	-
47	0.35	Green	SP36106	R	Seat Belt Buckle Switch Low End	USBR02
48	-	-	-	-	-	-
49	-	-	-	-	-	-
50	-	-	-	-	-	-

D7529A Highly Automated Driving FAPA

M L K J H G F E D C B A 4 3 2 1						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
A1		-	Connector Number	Pin Number	-	-
B1		-	-	-	-	-
C1		-	-	-	-	-
D1		-	-	-	-	-
E1		-	-	-	-	-
F1		-	-	-	-	-
G1		-	-	-	-	-
H1		-	-	-	-	-
J1	0.35	White	IC92BF	22	TR_P	IAPA01
K1	0.35	Green	IC92BF	21	TR_N	IAPA01
L1	-	-	-	-	-	-
M1	-	-	-	-	-	-
A2	-	-	-	-	-	-
B2	0.35	Red/White	SP6245B	L	IGN	IAPA01
C2	0.35	Blue/Red	IC91M	20	IGN1	IAPA01
D2	-	-	-	-	-	-
E2	-	-	-	-	-	-
F2	-	-	-	-	-	-
G2	-	-	-	-	-	-
H2	-	-	-	-	-	-
J2	0.35	Black	SP24399	R	PWM Signal Ground	IAPA01
K2	-	-	-	-	-	-
L2	-	-	-	-	-	-
M2	-	-	-	-	-	-
A3	-	-	-	-	-	-
B3	-	-	-	-	-	-
C3	0.35	Blue	SP_9010B	L	CAN_H	IAPA01
D3	0.35	Pink	SP_9011B	L	CAN_L	IAPA01
E3	-	-	-	-	-	-
F3	-	-	-	-	-	-
G3	-	-	-	-	-	-
H3	-	-	-	-	-	-
J3	-	-	-	-	-	-
K3	-	-	-	-	-	-
L3	-	-	-	-	-	-
M3	-	-	-	-	-	-
A4	-	-	-	-	-	-
B4	-	-	-	-	-	-
C4	-	-	-	-	-	-
D4	-	-	-	-	-	-
E4	-	-	-	-	-	-
F4	-	-	-	-	-	-
G4	-	-	-	-	-	-
H4	-	-	-	-	-	-
J4	-	-	-	-	-	-
K4	-	-	-	-	-	-
L4	-	-	-	-	-	-
M4	-	-	-	-	-	-

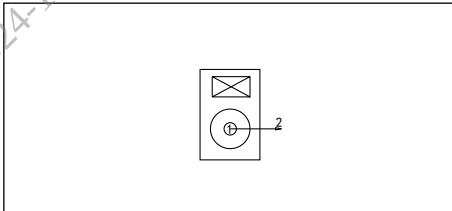
Passenger Compartment Harness Terminal Definitions

D8220 Hidden Door Handle Controller



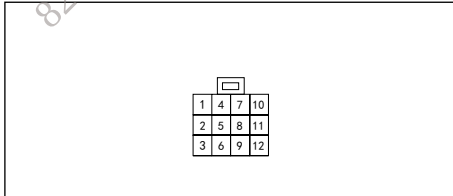
Hole Position	Wire Diameter	Wire Color	Connector Number	Pin Number	Function	Configuration
1	2	Red	IC92AM	12	Door Handle Power	NKLE01
2	-	-	-	-	-	-
3	-	-	-	-	-	-
4	0.35	Red/Yellow	IC92BF	29	Power Supply	NKLE01
5	0.35	Blue	SP_900X	L	CAN_H	NKLE01
6	0.35	Pink	SP_9001X	L	CAN_L	NKLE01
7	0.5	Red/Black	IC92AM	16	Front Left Concealed Door Handle Extension	NKLE01
8	0.5	Black/Blue	IC92AM	17	Front Left Concealed Door Handle Retraction	NKLE01
9	0.5	Black	SP_M204	L	Switch Ground	NKLE01
10	2	Black	SP_M201	L	Door Handle Power Ground	NKLE01
11	-	-	-	-	-	-
12	-	-	-	-	-	-
13	0.5	Red/Black	IC91M	21	Front Right Concealed Door Handle Extension	NKLE01
14	0.5	Black/Blue	IC91M	22	Front Right Concealed Door Handle Retraction	NKLE01
15	0.5	Red/Black	IC72F	18	Rear Left Concealed Door Handle Extension	NKLE01
16	0.5	Black/Blue	IC72F	11	Rear Left Concealed Door Handle Retraction	NKLE01
17	0.5	Red/Black	IC73F	11	Rear Right Concealed Door Handle Extension	NKLE01
18	0.5	Black/Blue	IC73F	18	Rear Right Concealed Door Handle Retraction	NKLE01
19	0.35	Black/Yellow	IC92AM	21	Switch for Front Left Concealed Door Handle Full Extension	NKLE01
20	0.35	Green/Black	IC92AM	22	Switch for Front Left Concealed Door Handle Full Retraction	NKLE01
21	0.35	Black/Yellow	IC91M	23	Switch for Front Right Concealed Door Handle Full Extension	NKLE01
22	0.35	Green/Black	IC91M	24	Switch for Front Right Concealed Door Handle Full Retraction	NKLE01
23	0.35	Black/Yellow	IC72F	5	Switch for Rear Left Concealed Door Handle Full Extension	NKLE01
24	0.35	Green/Black	IC72F	6	Switch for Rear Left Concealed Door Handle Full Retraction	NKLE01
25	0.35	Black/Yellow	IC73F	5	Switch for Rear Right Concealed Door Handle Full Extension	NKLE01
26	0.35	Green/Black	IC73F	6	Switch for Rear Right Concealed Door Handle Full Retraction	NKLE01

D7529D Highly Automated Driving FAPA



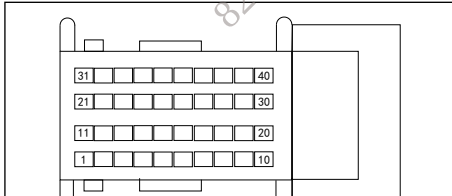
Hole Position	Wire Diameter	Wire Color	Connector Number	Pin Number	Function	Configuration
1	0.5	Black/Blue	IC92GM	1	Video Output Signal	IAPA01
2	0.5	Black/White	IC92GM	2	Video Output Signal Ground	IAPA01

D8300C Body Control Unit BCM



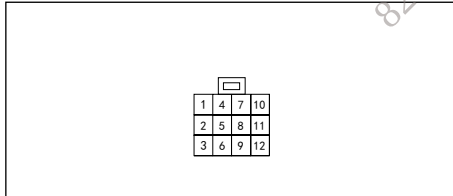
Hole Position	Wire Diameter	Wire Color	Connector Number	Pin Number	Function	Configuration
1	2.5	Black	SP_M108	R	Power Ground	YBCM01
2	0.5	Black/Yellow	SP2030B	L	Left Position Light/License Plate Light Output	YBCM01
3	0.5	Red	IC90M	13	Rear Fog Light Output	YBCM01
4	0.75	Black	SP_M108	R	Power Ground	YBCM01
5	-	-	-	-	-	-
6	0.5	Black/Yellow	SP20307	L	Right Position Light/License Plate Light Output	YBCM01& LEHD01
7	-	-	-	-	-	-
8	0.5	Green/White	SP30	L	Left Turn Signal Output	YBCM01
9	0.5	Blue/Red	SP29	L	Right Turn Signal Output	YBCM01
10	0.75	Green/Yellow	IC80AM	2	Trunk Release Output	YBCM01
11	0.5	Green/Yellow	IC90M	19	Reverse Light Output	YBCM01
12	0.5	Orange/Blue	SP22924	L	Brake Light Output	LEHD01

D8300D Body Control Unit BCM



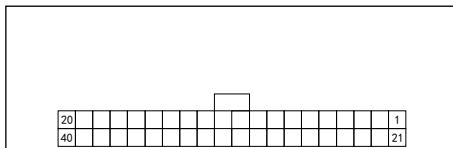
Hole Position	Wire Diameter	Wire Color	Connector Number	Pin Number	Function	Configuration
1	0.35	Blue	SP_900K	L	B_CAN_H	YBCM01
2	-	-	-	-	-	-
3	-	-	-	-	-	-
4	-	-	-	-	-	-
5	-	-	-	-	-	-
6	-	-	-	-	-	-
7	-	-	-	-	-	-
8	0.5	Orange/Blue	IC92BF	28	Backlight Output	YBCM01
9	-	-	-	-	-	-
10	0.5	Brown	IC03AF	1	Trunk Light Output/ Ambience Light Output	LEHD01
10	0.5	Gray	IC92AM	7	Trunk Light Output/ Ambience Light Output	YBCM01& LIAD03
11	0.35	Pink	SP_9001K	L	B_CAN_L	YBCM01
12	0.35	Black	SP20304	L	Logic Ground	YBCM01
13	-	-	-	-	-	-
14	-	-	-	-	-	-
15	-	-	-	-	-	-
16	-	-	-	-	-	-
17	-	-	-	-	-	-
18	-	-	-	-	-	-
19	-	-	-	-	-	-
20	-	-	-	-	-	-
21	-	-	-	-	-	-
22	-	-	-	-	-	-
23	-	-	-	-	-	-
24	-	-	-	-	-	-
25	-	-	-	-	-	-
26	-	-	-	-	-	-
27	0.35	Gray/Purple	IC73F	9	Right Rear Door Status Input	YBCM01
28	0.5	Orange/Blue	SP3430		Collision Signal Input	YBCM01
29	0.5	Brown	IC80AM	6	High Mount Stop Light Output	YBCM01
30	0.5	Blue/White	IC92BF	15	Mirror Folding Output	REFD01 & YBCM01
31	0.35	Brown/Blue	IC80AM	1	Trunk Lid Status Input	YBCM01
32	0.35	Brown/Green	IC72F	9	Left Rear Door Status Input	YBCM01
33	-	-	-	-	-	-
34	-	-	-	-	-	-
35	-	-	-	-	-	-
36	-	-	-	-	-	-
37	-	-	-	-	-	-
38	-	-	-	-	-	-
39	-	-	-	-	-	-
40	0.5	Yellow/Black	IC92BF	16	Mirror Unfolding Output	REFD01 & YBCM01

D8301C Central Control Module CCM



Hole Position	Wire Diameter	Wire Color	Connector Number	Pin Number	Function	Configuration
1	0.5	Green/Yellow	IC90M	19	Reverse Light Output	YBDC01
2	0.5	Red	IC90M	13	Rear Fog Light Output	YBDC01
3	2.5	Black	SP_M108	L	Interior Light Power/Air Conditioning Power_Ground	YBDC01
4	1.5	Orange/Red	IC92AM	18	Door Lock Power Supply	YBDC01
5	-	-	-	-	-	-
6	-	-	-	-	-	-
7	1.5	Black	SP_M108	L	Door Lock Ground	YBDC01
8	0.75	Green/Yellow	IC80AM	2	Trunk Release Output	YBDC01
9	0.5	Blue/Red	SP29	L	Right Turn Signal Output	YBDC01
10	1	Gray	SP3518	L	Central Unlocking Output	YBDC01
11	1	Green	SP3514	L	Central Locking Output	YBDC01
12	-	-	-	-	-	-

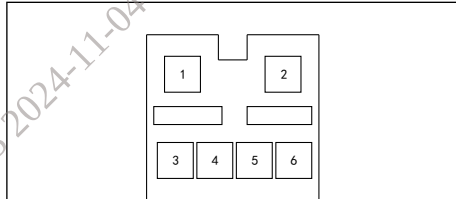
D8301G Central Control Module CCM



Hole Position	Wire Diameter	Wire Color	Connector Number	Pin Number	Function	Configuration
1	0.5	Red	IC92BF	13	Air Conditioning Power 2 (Rearview Mirror Power Supply)	YBDC01
2	0.35	Brown/Blue	IC90M	23	PKE Trunk Antenna -	YBDC01
3	0.35	Green/White	IC90M	24	PKE Trunk Antenna +	YBDC01
4	0.5	Purple	IC92BF	26	Mirror Folding Switch Input	YBDC01 & REF01
5	-	-	-	-	-	-
6	0.35	Purple	D8239	1	PKE Interior Rear Antenna+	YBDC01
7	0.35	Yellow/Red	D8239	2	PKE Interior Rear Antenna-	YBDC01
8	-	-	-	-	-	-
9	-	-	-	-	-	-
10	0.35	Red/Black	SP50612	L	LIN2	LIAD03& YBDC01
11	0.5	Brown	IC92BF	24	Central Locking Switch Input	YBDC01
12	0.5	Black	SP_M203	L	Air Conditioning Power 2 Ground	YBDC01
13	0.35	Pink	SP_9041CM	L	ECAN_L	YBDC01
14	0.35	Blue	SP_9040CM	L	ECAN_H	YBDC01
15	-	-	-	-	-	-
16	-	-	-	-	-	-
17	0.35	Pink	SP9001W1	L	BCAN_L	YBDC01
18	0.35	Blue	SP9000W1	L	BCAN_H	YBDC01
19	0.35	Pink	SP9001W1	L	B5CAN_L	YBDC01
20	0.35	Blue	SP9000W1	L	B5CAN_H	YBDC01
21	-	-	-	-	-	-
22	-	-	-	-	-	-
23	-	-	-	-	-	-
24	0.35	Pink	IC80AM	1	Trunk Lid Status Input	YBDC01
25	-	-	-	-	-	-
26	0.35	Brown/Red	IC92AM	10	Main Driver Door Status Input	YBDC01
27	-	-	-	-	-	-
28	0.35	Gray/Purple	IC73F	9	Right Rear Door Status Input	YBDC01
29	-	-	-	-	-	-
30	0.35	Brown/Green	IC72F	9	Left Rear Door Status Input	YBDC01
31	-	-	-	-	-	-
32	-	-	-	-	-	-
33	0.5	Orange/Blue	SP3430	L	Collision Signal Input	YBDC01
34	-	-	-	-	-	-

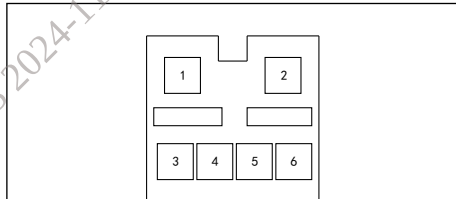
Hole Position	Wire Diameter	Wire Color	Connector Number	Pin Number	Function	Configuration
35	-	-	-	-	-	-
36	-	-	-	-	-	-
37	-	-	-	-	-	-
38	-	-	-	-	-	-
39	0.5	Brown	IC80AM	6	High Mount Stop Light Output	YBDC01
40	0.5	Gray	IC92AM	7	Ambient Light Power Supply B+	YBDC01& LIAD03

D2630A Left Rear Combination Light (Fixed Side)



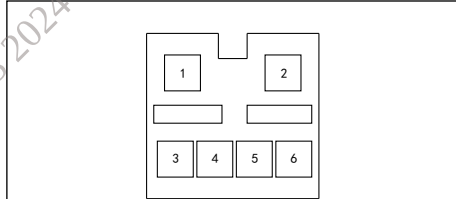
Hole Position	Wire Diameter	Wire Color	Connector Number	Pin Number	Function	Configuration
1	0.5	Brown/Green	SP22924	R	Brake+	LEHD01
2	0.5	Black/Yellow	SP22929	R	Position+	YBCM01&LEHD01
3	0.5	Green/White	SP30	L	Turn Signal+	LEHD01
4	0.5	Black	SP_M207	L	Ground	LEHD01
5	-	-	-	-	-	-
6	-	-	-	-	-	-

D2630B Left Rear Combination Light (Fixed Side)



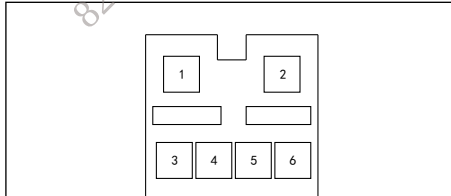
Hole Position	Wire Diameter	Wire Color	Connector Number	Pin Number	Function	Configuration
1	0.5	Green	IC03AF	14	Positive	LEHD03
2	0.35	Yellow/Green	SP22928	L	LIN	LEHD03
3	0.5	Green/White	SP30	L	Turn Signal+	LEHD03
4	0.5	Black	SP_M207	R	Ground	LEHD03
5	-	-	-	-	-	-
6	-	-	-	-	-	-

D2635A Right Rear Combination Light (Fixed Side)



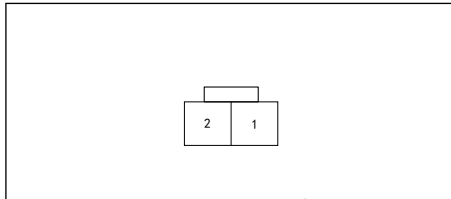
Hole Position	Wire Diameter	Wire Color	Connector Number	Pin Number	Function	Configuration
1	0.5	Brown/Green	SP22924	L	Brake+	LEHD01
2	0.5	Black/Yellow	SP20307	R	Position+	YBCM01&LEHD01
3	0.5	Blue/Red	SP29	R	Turn Signal+	LEHD01
4	0.5	Black	SP23736	R	Ground	LEHD01
5	-	-	-	-	-	-
6	-	-	-	-	-	-

D2635B Left Rear Combination Light (Fixed Side)



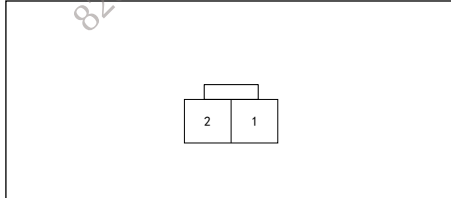
Hole Position	Wire Diameter	Wire Color	Connector Number	Pin Number	Function	Configuration
1	0.5	Green	IC03AF	15	Positive	LEHD03
2	0.35	Yellow/Green	SP22928	L	LIN	LEHD03
3	0.5	Blue/Red	SP29	R	Turn Signal+	LEHD03
4	0.5	Black	SP23736	R	Ground	LEHD03
5	-	-	-	-	-	-
6	-	-	-	-	-	-

D6510 Seat Belt Buckle Switch_Front Left



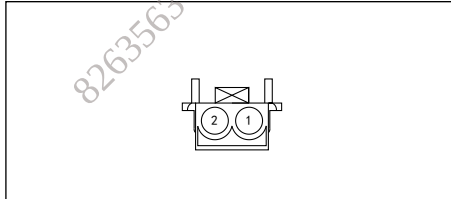
Hole Position	Wire Diameter	Wire Color	Connector Number	Pin Number	Function	Configuration
1	0.35	Yellow	D6570A	8	+	USBR02
1	0.35	Yellow	D6570	8	+	USBR02
2	0.35	Green	SP36106	L	-	USBR02
2	0.35	Green	D6570	47	-	USBR02

D6520 Seat Belt Buckle Switch_Front Right



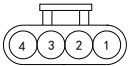
Hole Position	Wire Diameter	Wire Color	Connector Number	Pin Number	Function	Configuration
1	0.35	Gray	D6570A	12	-	USBR02
2	0.35	Black/Orange	IQ76	1	+	USBR02

D8239 Intelligent Entry Transceiver - Non-IMMO - Under Rear Seat

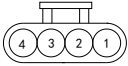


Hole Position	Wire Diameter	Wire Color	Connector Number	Pin Number	Function	Configuration
1	0.35	Purple	D8301G	6	+	YBDC01
1	0.35	Purple	IC92BF	20	+	YBCM01
2	0.35	Yellow/Red	D8301G	7	-	YBDC01
2	0.35	Yellow/Red	IC92BF	19	-	YBCM01

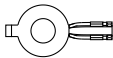
D7010 Left Rear Wheel Speed Sensor

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	2	White	IC03AF	6	EPB+	ALL
2	2	Green	IC03AF	11	EPB-	ALL
3	0.5	Brown/Green	IC03AF	17	ABS-	ALL
4	0.5	Yellow	IC03AF	16	ABS+	ALL

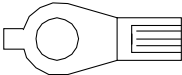
D7015 Right Rear Wheel Speed Sensor

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	2	White	IC03AF	20	EPB+	ALL
2	2	Green	IC03AF	25	EPB-	ALL
3	0.5	Orange/Red	IC03AF	22	ABS-	ALL
4	0.5	Red/Green	IC03AF	21	ABS+	ALL

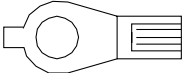
G107 Grounding Point

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.75	Black	SP23739	L	Grounding	ALL

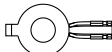
GP108 Grounding Point

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	4	Black	SP_M108	R	Grounding	ALL

GP201 Grounding Point

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	4	Black	SP_M201	R	Grounding	ALL

GP202 Grounding Point

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	1	Black	SP_M202	L	Grounding	ALL

GP203 Grounding Point

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.5	Black	SP_M203	R	Grounding	ALL

Passenger Compartment Harness

Terminal Definitions

GP204 Grounding Point



Hole Position	Wire Diameter	Wire Color	Connector Number	Pin Number	Function	Configuration
1	0.5	Black	SP_M204	L	Grounding	ALL

GP206 Grounding Point



Hole Position	Wire Diameter	Wire Color	Connector Number	Pin Number	Function	Configuration
1	0.5	Black	IC90M	14	Grounding	IPDC01

GP207 Grounding Point



Hole Position	Wire Diameter	Wire Color	Connector Number	Pin Number	Function	Configuration
1	1	Black	SP_M207	L	Grounding	ALL

GP209 Grounding Point



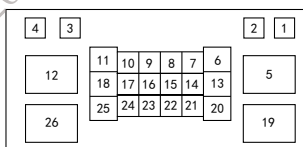
Hole Position	Wire Diameter	Wire Color	Connector Number	Pin Number	Function	Configuration
1	0.5	Black	SP23736	L	Grounding	ALL

IC03DF Passenger Compartment Harness Connects to Front Harness IC03DM



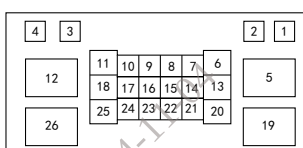
Hole Position	Wire Diameter	Wire Color	Connector Number	Pin Number	Configuration
1	0.5	Yellow/Green	D7529C	1	IAPA01
2	0.5	Blue/Red	D7529C	5	IAPA01

IC03AF Passenger Compartment Harness Connects to Front Harness IC03AM



Hole Position	Wire Diameter	Wire Color	Connector Number	Pin Number	Configuration
1	0.5	Brown	D8300D	10	LEHD01
1	0.35	Brown	D7529B	C4	IAPA01
2	0.5	Red/White	D7529B	G2	IAPA01
3	0.35	Blue	SP_9040CM	R	YBDC01
4	0.35	Pink	SP_9041CM	R	YBDC01
5	-	-	-	-	-
6	2	White	D7010	1	ALL
7	0.5	Blue/Red	SP29	L	LEHD01
7	0.35	White/Black	D7529B	F1	IAPA01
8	0.35	Orange/Blue	SP3430	R	-
9	0.35	Gray/Purple	D7529B	E4	IAPA01
10	0.5	Green/White	SP30	R	LEHD01
10	0.35	Brown/Blue	D7529B	C3	IAPA01
11	2	Green	D7010	2	ALL
12	3	White	D6140A	1	ALL
13	0.35	Brown/Green	D7529B	D4	IAPA01
14	0.5	Green	D2630B	1	LEHD03
15	0.5	Green	D2635B	1	LEHD03
16	0.5	Yellow	D7010	4	ALL
17	0.5	Brown/Green	D7010	3	ALL
18	-	-	-	-	-
19	2.5	Red	IC75A	1	(TDP502)(TDP506)(TDP507)&&C
20	2	White	D7015	1	ALL
21	0.5	Red/Green	D7015	4	ALL
22	0.5	Orange/Red	D7015	3	ALL
23	0.5	Black/Yellow	SP20307	R	LEHD01
23	0.35	Orange	D7529B	D3	IAPA01
24	0.5	Black/Yellow	SP20306	L	LEHD01
24	0.35	Black/Orange	D7529B	E3	IAPA01
25	2	Green	D7015	2	ALL
26	3	Blue	D6140A	2	ALL

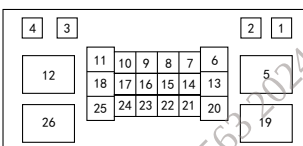
IC72F Passenger Compartment Harness Connects to Left Rear Door Harness IC72M



Hole Position	Wire Diameter	Wire Color	Connector Number	Pin Number	Configuration
1	0.5	White	IC92AM	1	HSPE02
2	0.5	Red/White	IC92AM	2	HSPE02
3	0.35	Blue	D6140B	9	ALL
4	0.35	Pink	SP_6175D	L	ALL
5	0.35	Black/Yellow	D8220	23	NKLE01
6	0.35	Green/Black	D8220	24	NKLE01
7	0.35	Brown	SP8861	L	ALL
8	0.5	Black	SP_M203	R	ALL
9	0.35	Brown/Green	D8301G	30	YBDC01
9	0.35	Brown/Green	D8300D	32	YBCM01
10	0.35	Black	SP_M203	R	ALL
11	0.5	Black/Blue	D8220	16	NKLE01
12	2	Yellow	D6140A	11	ALL
13	-	-	-	-	-
14	0.35	Red/Black	SP23459	R	LIAD03
15	0.35	Yellow/Black	IC92BF	8	NKLE01
16	0.35	Red/Black	IC92BF	9	NKLE01
17	0.35	Gray	SP23454	L	LIAD03
18	0.5	Red/Black	D8220	15	NKLE01
19	-	-	-	-	-
20	0.75	Blue	SP3514	R	ALL

Hole Position	Wire Diameter	Wire Color	Connector Number	Pin Number	Configuration
21	0.35	Orange	D6140B	22	ALL
22	-	-	-	-	-
23	-	-	-	-	-
24	-	-	-	-	-
25	0.75	Yellow/Gray	SP3518	R	ALL
26	2	White	D6140A	12	ALL

IC73F Passenger Compartment Harness Connects to Right Rear Door Harness IC73M



Hole Position	Wire Diameter	Wire Color	Connector Number	Pin Number	Configuration
1	0.5	Black/Blue	IC91M	14	HSPE02
2	0.5	Orange	IC91M	15	HSPE02
3	0.35	Red	D6140B	11	ALL
4	0.35	Pink	SP_6175D	R	ALL
5	0.35	Black/Yellow	D8220	25	NKLE01
6	0.35	Green/Black	D8220	26	NKLE01
7	0.35	Brown	SP8861	R	ALL
8	0.5	Black	SP_M204	R	ALL
9	0.35	Gray/Purple	D8301G	28	YBDC01
9	0.35	Gray/Purple	D8300D	27	YBCM01
10	0.35	Black	SP_M204	R	ALL
11	0.5	Red/Black	D8220	17	NKLE01
12	2	Yellow	D6140A	5	ALL
13	-	-	-	-	-
14	0.35	Red/Black	SP23459	R	LIAD03
15	-	-	-	-	-
16	-	-	-	-	-
17	0.35	Gray	SP23454	R	LIAD03
18	0.5	Black/Blue	D8220	18	NKLE01
19	-	-	-	-	-
20	0.75	Blue	SP3514	R	ALL
21	0.35	Gray	D6140B	23	ALL
22	-	-	-	-	-
23	-	-	-	-	-
24	-	-	-	-	-
25	0.75	Yellow/Gray	SP3518	R	ALL
26	2	White	D6140A	6	ALL

IC75A Passenger Compartment Harness Connects to Driver's Seat Harness



Hole Position	Wire Diameter	Wire Color	Connector Number	Pin Number	Configuration
1	2.5	Red	IC03AF	14	(TDP502)(TDP506)(TDP507)
2	0.5	Red	IC92BF	15	TDP502)(TDP506)(TDP507
3	-	-	-	-	-
4	-	-	-	-	-
5	-	-	-	-	-
6	0.35	Blue	SP_9000S	26	DPS02)(TDP506)(TDP507
7	0.35	Pink	SP_9001S	R	DPS02)(TDP506)(TDP507
8	-	-	-	-	-
9	2.5	Black	SP55300	27	DPS02)(TDP506)(TDP507
10	-	-	-	-	-
11	0.75	Black	SP55300	17	DPS02)(TDP506)(TDP507
12	-	-	-	-	-
13	-	-	-	-	-
14	-	-	-	-	-
15	-	-	-	-	-
16	-	-	-	-	-

IC76 Passenger Compartment Harness Connects to Co-driver's Seat Harness



Hole Position	Wire Diameter	Wire Color	Connector Number	Pin Number	Configuration
1	0.35	Black/Orange	D6520	2	USBR02
2	0.35	Black/Green	SP36106	L	USBR02

IC80AM Passenger Compartment Harness Connects to Tailgate Auxiliary Harness IC80AF



Hole Position	Wire Diameter	Wire Color	Connector Number	Pin Number	Configuration
1	0.35	Brown/Blue	D8300D	31	YBCM01
1	0.35	Pink	D8301G	24	YBDC01
2	0.75	Green/Yellow	D8301C	8	YBDC01
2	0.75	Green/Yellow	D8300C	10	YBCM01
3	0.35	Gray	IC92AM	4	ALL
4	-	-	-	-	-
5	2.5	White	IC92AM	19	RHOT01
6	0.5	Brown	D8300D	29	YBCM01
6	0.5	Brown	D8301G	39	YBDC01

IC90BM Passenger Compartment Harness Connects to Rear Protection Harness IC90BF



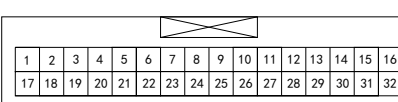
Hole Position	Wire Diameter	Wire Color	Connector Number	Pin Number	Configuration
1	0.5	Red/Black	D7529C	4	IAPA01
1	0.5	Black/Red	IC92HM	1	IAVW01 & IAPA01
2	0.5	Green/Red	D7529C	8	IAPA01
2	0.5	Green/Red	IC92HM	2	IAVW01 & IAPA01

IC90GM Passenger Compartment Harness Connects to Rear Protection Harness IC90F



Hole Position	Wire Diameter	Wire Color	Connector Number	Pin Number	Configuration
1	0.5	Black/White	IC92EM	1	IRVC01
2	0.5	Black/Blue	IC92EM	2	IRVC01

IC90M Passenger Compartment Harness Connects to Rear Protection Harness IC90F



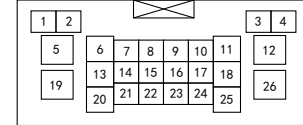
Hole Position	Wire Diameter	Wire Color	Connector Number	Pin Number	Configuration
1	0.35	Blue	SP_9000K	R	IPDC01
2	0.35	Brown	D7529B	E1	IAPA01
3	0.35	Brown	D7529B	C2	IAPA01
4	-	-	-	-	-
5	0.35	Red/White	SP6245B	R	IPDC01
5	0.5	Red	D7529B	G1	IAPA01
6	-	-	-	-	-
7	0.35	Pink	D7529B	D1	IAPA01
8	0.35	Yellow	D7529B	C1	IAPA01
9	0.35	Pink	D7529B	D2	IAPA01
10	0.35	Brown	D7529B	E2	IAPA01
11	0.35	Blue	D7529B	F2	IAPA01
12	0.5	Pink/Black	IC92AM	3	YBDC01
12	0.5	Black/Yellow	SP22929	R	YBCM01
13	0.5	Red	D8300C	3	YBCM01
13	0.5	Red	D8301C	2	YBDC01
14	0.5	Black	GP206	1	IPDC01
15	-	-	-	-	-
16	0.5	Black	SP_M207	L	ALL
17	0.35	Pink	SP_9001K	R	IPDC01
18	-	-	-	-	-
19	0.5	Green/Yellow	D8300C	11	YBCM01
19	0.5	Green/Yellow	D8301C	1	YBDC01
20	-	-	-	-	-
21	-	-	-	-	-
22	-	-	-	-	-
23	0.35	Brown/Blue	D8301G	2	YBDC01
23	0.35	Brown/Blue	IC92BF	4	YBCM01 & NKLE01
24	0.35	Green/White	D8301G	3	YBDC01
24	0.35	Green/White	IC92BF	3	YBCM01 & NKLE01
25	-	-	-	-	-
26	-	-	-	-	-
27	-	-	-	-	-
28	-	-	-	-	-
29	-	-	-	-	-
30	-	-	-	-	-
31	-	-	-	-	-
32	-	-	-	-	-

IC91BM Passenger Compartment Harness Connects to Instrument Panel Harness IC91BF



Hole Position	Wire Diameter	Wire Color	Connector Number	Pin Number	Configuration
1	0.5	Blue/Yellow	D7529C	3	IAPA01
2	0.5	Yellow/Black	D7529C	7	IAPA01

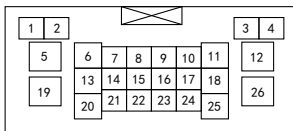
IC91M Passenger Compartment Harness Connects to Instrument Panel Harness IC91F



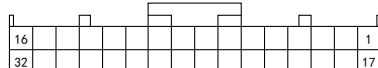
Hole Position	Wire Diameter	Wire Color	Connector Number	Pin Number	Configuration
1	0.35	Blue	SP_9000W	L	ALL
2	0.35	Pink	SP_9001W	L	ALL
3	0.35	Blue	SP_9040CM	L	YBDC01
4	0.35	Pink	SP_9041CM	L	YBDC01
5	2	White	D6140A	9	ALL
6	0.5	Green/White	D6570	14	USAB02 & IUSBR02
6	0.5	Green/White	D6570A	14	USBR02
7	0.35	White	SP29	R	ALL
8	0.35	White	D6140B	7	ALL
9	0.35	Blue	SP_9010B	L	ALL
10	0.35	Pink	SP_9011B	L	ALL
11	-	-	-	-	-
12	-	-	-	-	-
13	0.5	Green/Red	D6570	13	USAB02 & IUSBR02
13	0.5	Green/Red	D6570A	13	USBR02
14	0.5	Black/Blue	IC73F	1	HS

Passenger Compartment Harness Terminal Definitions

IC92AM Passenger Compartment Harness Connects to Instrument Panel Harness IC92AF

					
Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
			Connector Number	Pin Number	
1	0.5	White	IC72F	1	HSPE02
2	0.5	Red/White	IC72F	2	HSPE02
3	0.5	Pink/Black	IC90M	12	YBDC01
4	0.35	Gray	IC80AM	3	ALL
5	2	Yellow	D6140A	7	ALL
6	0.75	Blue	SP3514	L	ALL
7	0.5	Gray	D830D	10	YBCM01&LIAD03
7	0.5	Gray	D8301G	40	YBDC01&LIAD03
8	0.5	Orange	IC93M	11	HMP01
9	0.35	Gray	IC93M	13	LIAD03
10	0.35	Brown/Red	D8301G	26	YBDC01
11	0.75	Yellow/Gray	SP3518	L	ALL
12	2	Red	D8220	1	NKLE01
13	0.5	Green/White	SP30	R	YBDC01
14	0.35	Green/White	SP30	R	YBCM01
15	0.35	Yellow/Green	SP22928	R	YBDC01 & LEHD03
15	0.35	Blue	SP22928	R	YBCM01 & LEHD03
16	0.5	Red/Black	D8220	7	NKLE01
17	0.5	Black/Blue	D8220	8	NKLE01
18	1.5	Orange/Red	D8301C	4	YBDC01
19	2.5	White	IC80AM	5	RHOT01
20	0.75	Red/Yellow	IC93M	1	TWLC01
21	0.35	Black/Yellow	D8220	19	NKLE01
22	0.35	Green/Black	D8220	20	NKLE01
23	0.35	Gray/Purple	IC93M	7	ALL
24	0.35	Brown/Blue	IC93M	8	ALL
25	0.35	Red/Black	SP50612	R	LIAD03&YBDC01
26	2	Green	D6140A	8	ALL

IC92BF Passenger Compartment Harness Connects to Instrument Panel Harness IC92AF

					
Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
			Connector Number	Pin Number	
1	0.5	Orange	D6570	5	IUSBR02
1	0.5	Orange	D6570A	5	USBR02
2	0.35	Red/White	SP6245B	L	ALL
3	0.35	Green/White	IC90M	24	YBCM01 && NKLE01
4	0.35	Brown/Blue	IC90M	23	YBCM01 && NKLE01
5	0.35	Green/Red	SP23454	L	LIAD03
6	0.35	Red/Black	SP23459	L	LIAD03&&YBCM01
7	0.35	Orange	D6140B	12	ALL
8	0.35	Yellow/Black	IC72F	15	NKLE01
9	0.35	Red/Black	IC72F	16	NKLE01
10	0.35	Pink	SP_6175D	L	ALL
11	0.35	Yellow	D6140B	4	ALL
12	0.5	Green	D6140B	1	ALL
13	0.5	Red	D8301G	1	YBDC01
14	0.35	Orange	D6140B	8	ALL
15	0.5	Blue/White	D8300D	30	REFD01 && YBCM01
16	0.5	Yellow/Black	D8300D	40	REFD01 && YBCM01
17	0.35	Yellow	D6140B	20	ALL
18	0.5	Red	IC75A	2	TDPS02 TDPS06 TDPS07
19	0.35	Yellow/Red	D8239	2	YBCM01
20	0.35	Purple	D8239	1	YBCM01
21	0.35	Green	D7529A	K1	IAPA01
21	0.5	Black/White	SP20304	L	HMP00
22	0.35	White	D7529A	J1	IAPA01
23	0.5	Red	D7529B	H2	IAPA01
24	0.5	Brown	D8301G	11	YBDC01
25	0.35	Red/Black	IC93M	14	LIAD03
26	0.5	Purple	D8301G	4	YBDC01 && REFD01
27	0.35	Blue	D6140B	25	ALL
28	0.5	Orange/Blue	D8300D	8	YBCM01
29	0.35	Red/Yellow	D8220	4	NKLE01
30	0.5	Red	D7529B	H1	IAPA01
31	0.5	Green	D6570	11	IUSBR02
31	0.5	Green	D6570A	11	USBR02
32	0.5	Blue	D6570	10	IUSBR02
32	0.5	Blue	D6570A	10	USBR02

IC92DM Passenger Compartment Harness Connects to Instrument Panel Harness IC92DF

Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
			Connector Number	Pin Number	
1	0.5	White/Red	D7529C	2	IAPA01
2	0.5	Green/Yellow	D7529C	6	IAPA01

IC92EM Passenger Compartment Harness Connects to Instrument Panel Harness IC92EF

					
Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
			Connector Number	Pin Number	
1	0.5	Black/White	IC90GM	1	IRVC01
2	0.5	Black/Blue	IC90GM	2	IRVC01

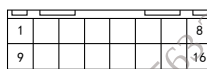
IC92GM Passenger Compartment Harness Connects to Instrument Panel Harness IC92GF

					
Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
			Connector Number	Pin Number	
1	0.5	Black/Blue	D7529D	1	IAPA01
2	0.5	Black/White	D7529D	2	IAPA01

IC92HM Passenger Compartment Harness Connects to Instrument Panel Harness IC92HF

					
Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
			Connector Number	Pin Number	
1	0.5	Black/Red	IC90BM	1	IAVW01 & !IAPA01
2	0.5	Green/Red	IC90BM	2	IAVW01 & !IAPA01

IC93M Passenger Compartment Harness Connects to Sub-instrument panel Harness IC93F

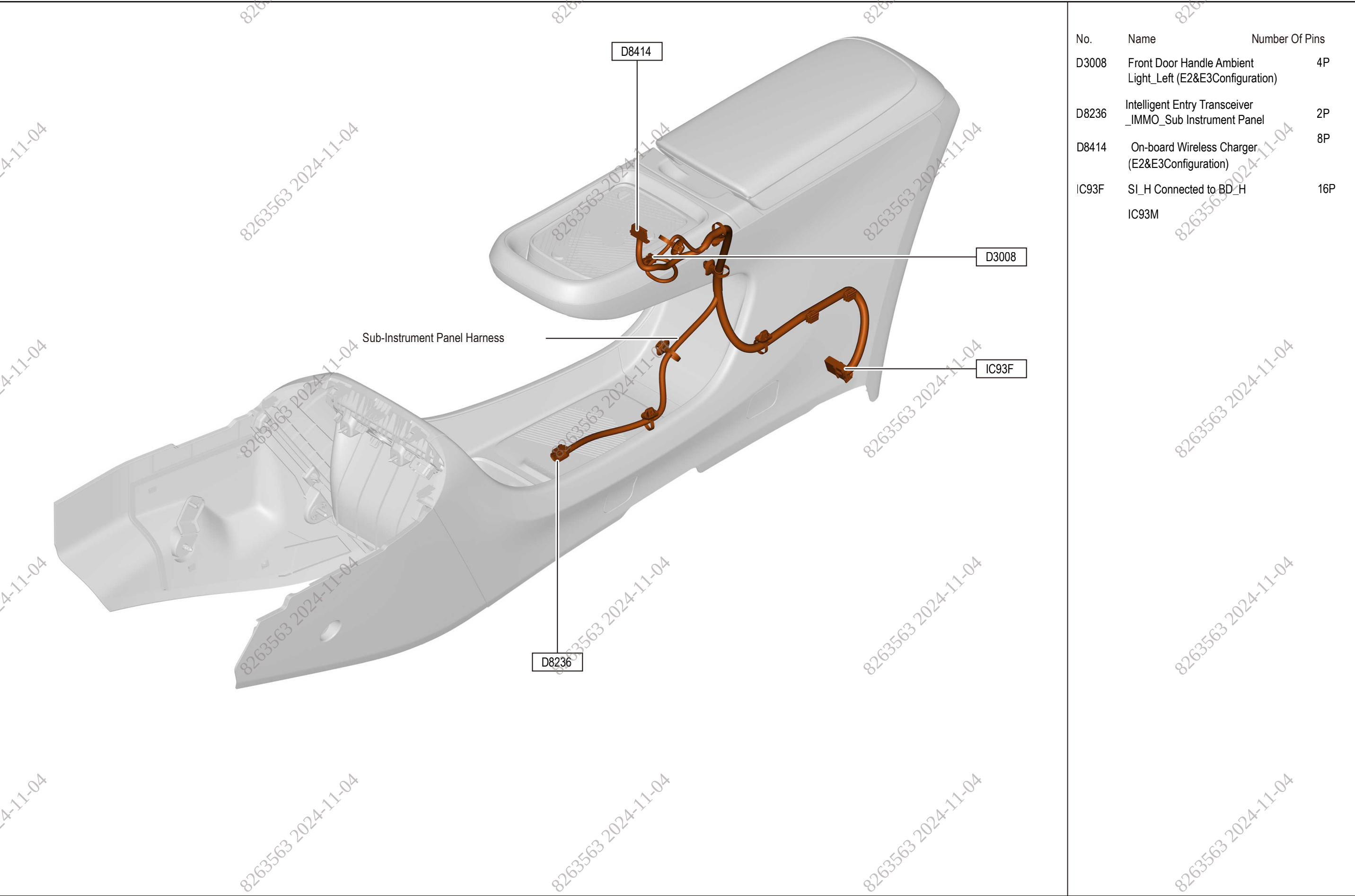
					
Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
			Connector Number	Pin Number	
1	0.75	Red/Yellow	IC92AM	20	TWLC01
2	-	-	-	-	-
3	-	-	-	-	-
4	0.35	Black	SP_M202	R	LIAD03
5	0.75	Black	SP_M202	R	TWLC01
6	-	-	-	-	-
7	0.35	Gray/Purple	IC92AM	23	ALL
8	0.35	Brown/Blue	IC92AM	24	ALL
9	0.35	Blue	SP_9000W	R	ALL
10	0.35	Pink	SP_9001W	R	ALL
11	0.5	Orange	IC92AM	8	HMP01
12	0.5	Black	SP_M202	R	HMP01
13	0.35	Gray	IC92AM	9	LIAD03
14	0.35	Red/Black	IC92BF	25	LIAD03
15	-	-	-	-	-
16	-	-	-	-	-

Passenger Compartment Harness Splice Point List

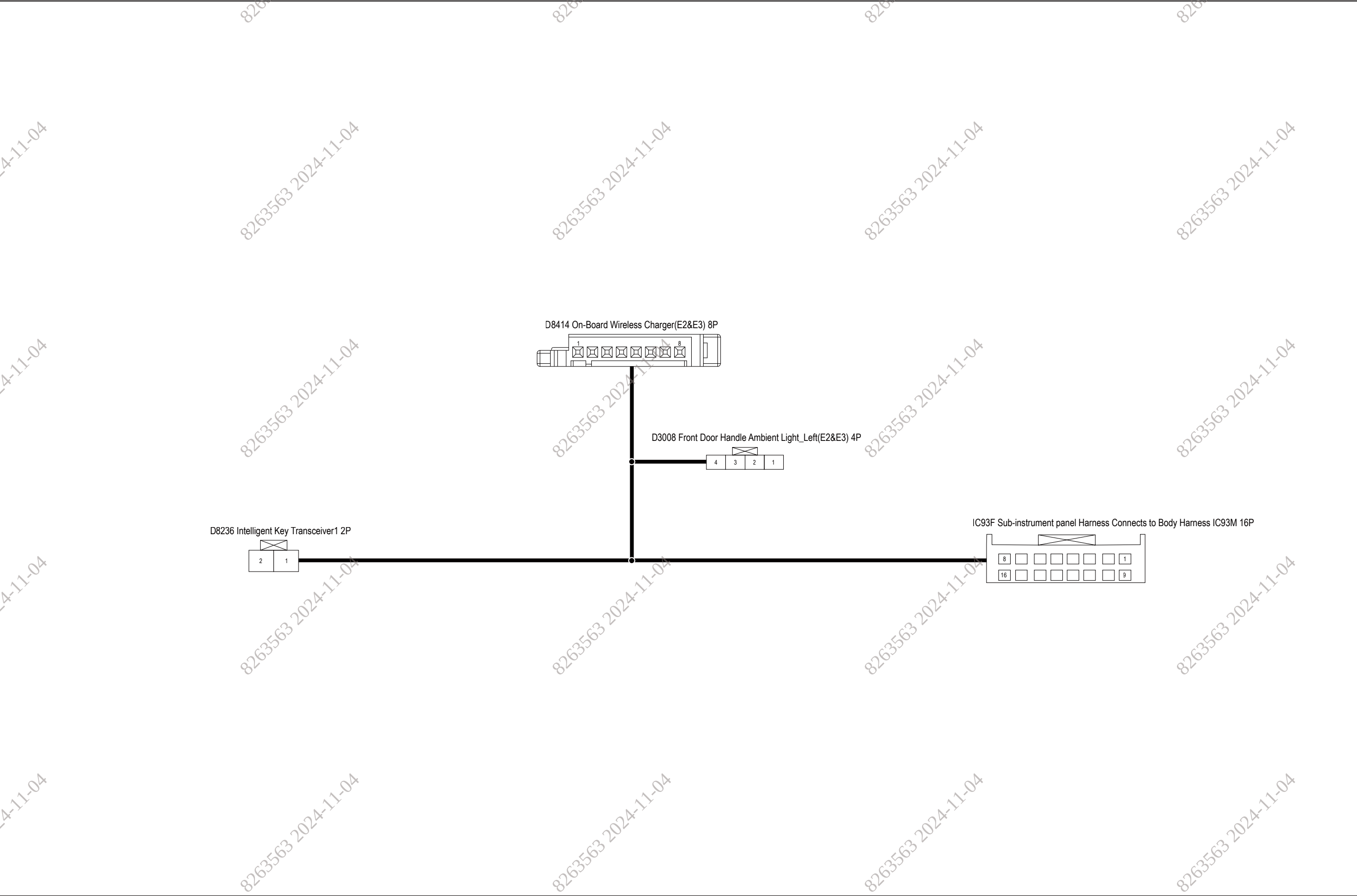
Splice Point	Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
				Connector Number	Pin Number	
SP22928	L	0.35	Yellow/Green	D2635B	2	LEHD03
	L	0.35	Yellow/Green	D2630B	2	LEHD03
	R	0.35	Yellow/Green	IC92AM	15	YBDC01&LEHD03
	R	0.35	Blue	IC92AM	15	YBCM01&LEHD03
SP_9041CM	L	0.35	Pink	D8301G	13	YBDC01
	L	0.35	Pink	IC91M	4	YBDC01
	R	0.35	Pink	IC03AF	4	YBDC01
	R	0.35	Pink	IC03AF	4	YBDC01
SP30	L	0.5	Green/White	D2630A	3	LEHD01
	L	0.5	Green/White	D2630B	3	LEHD03
	L	0.5	Green/White	D8300C	8	YBCM01
	R	0.5	Green/White	IC03AF	10	LEHD01
	R	0.5	Green/White	IC92AM	13	YBDC01
	R	0.35	Green/White	IC92AM	14	YBCM01
SP_M108	L	1.5	Black	D8301C	7	YBDC01
	L	2.5	Black	D8301C	3	YBDC01
	R	4	Black	GP108	1	ALL
	R	2.5	Black	D8300C	1	YBCM01
SP9001W1	R	0.75	Black	D8300C	4	YBCM01
	L	0.35	Black	D8301G	17	YBDC01
	L	0.35	Pink	D8301G	19	YBDC01
	R	0.35	Pink	SP_9001K	L	YBDC01
SP9000W1	L	0.35	Blue	D8301G	18	YBDC01
	L	0.35	Blue	D8301G	20	YBDC01
	R	0.35	Blue	SP_9000K	L	YBDC01
	R	0.35	Blue	SP_9000K	L	YBDC01
SP3430	L	0.5	Orange/Blue	D8300D	28	YBCM01
	L	0.5	Orange/Blue	D8301G	33	YBDC01
	R	0.35	Orange/Blue	IC03AF	8	ALL
	R	0.35	Orange/Blue	D6570	34	IUSBR02
SP9040CM	R	0.35	Orange/Blue	D6570A	34	USBR02
	R	0.35	Orange/Blue	D6570A	34	USBR02
	L	0.35	Blue	D8301G	14	YBDC01
	L	0.35	Blue	IC91M	3	YBDC01
SP20307	R	0.35	Blue	IC03AF	3	YBDC01
	L	0.5	Black/Yellow	D8300C	6	YBCM01&LEHD01
	R	0.5	Black/Yellow	D2635A	2	YBCM01&LEHD01
	R	0.5	Black/Yellow	IC03AF	23	LEHD01
SP50612	L	0.35	Red/Black	SP23459	L	LIAD03&YBDC01
	L	0.35	Red/Black	D8301G	10	LIAD03&YBDC01
	R	0.35	Red/Black	IC92AM	25	LIAD03&YBDC01
	R	0.35	Red/Black	IC92AM	25	LIAD03&YBDC01
SP20306	L	0.5	Black/Yellow	D8300C	2	YBCM01
	L	0.5	Black/Yellow	IC03AF	24	LEHD01
	R	0.5	Black/Yellow	SP22929	L	YBCM01
	R	0.5	Black/Yellow	SP22929	L	YBCM01
SP20304	L	0.5	Black/White	IC92BF	21	HMP00
	L	0.35	Black	D8300D	12	YBCM01
	R	0.35	Black	SP_M203	L	YBCM01
	L	1	Gray	D8301C	10	YBDC01
SP3518	L	0.75	Yellow/Gray	IC92AM	11	ALL
	R	0.75	Yellow/Gray	IC72F	25	ALL
	R	0.75	Yellow/Gray	IC73F	25	ALL
	R	0.75	Yellow/Gray	IC73F	25	ALL
SP3514	L	1	Green	D8301C	11	YBDC01
	R	0.75	Blue	IC92AM	6	ALL
	R	0.75	Blue	IC72F	20	ALL
	R	0.75	Blue	IC73F	20	ALL
SP23459	L	0.35	Red/Black	SP50612	L	LIAD03&YBDC01
	L	0.35	Red/Black	IC92BF	6	LIAD03&YBCM01
	R	0.35	Red/Black	IC73F	14	LIAD03
	R	0.35	Red/Black	IC73F	14	LIAD03
SP23454	L	0.35	Gray	IC72F	17	LIAD03
	R	0.35	Gray	IC73F	17	LIAD03
	L	0.35	Gray	IC73F	17	LIAD03
	L	0.35	Pink	IC92BF	10	ALL
SP_6175D	L	0.35	Pink	IC92BF	10	ALL
	L	0.35	Pink	IC72F	4	ALL
	R	0.35	Pink	IC73F	4	ALL
	R	0.5	Black	D6140B	2	ALL

Splice Point	Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
				Connector Number	Pin Number	
SP22924	L	0.5	Orange/Blue	D8300C	12	LEHD01
	L	0.5	Brown/Green	D2635A	1	LEHD01
	R	0.5	Brown/Green	D2630A	1	LEHD01
SP6245B	L	0.35	Red/White	D7529A	B2	IAPA01
	L	0.35	Red/White	IC92BF	2	ALL
	R	0.35	Red/White	IC90M	5	IPDC01
SP_M203	L	0.5	Black	D8301G	12	YBDC01
	L	0.35	Black	SP20304	R	YBCM01
	R	0.35	Black	GP203	1	ALL
SP23739	R	0.35	Black	IC72F	10	ALL
	R	0.5	Black	IC72F	8	ALL
	L	0.75	Black	G107	1	ALL
SP_100	R	0.5	Black	D6570A	6	USBR02
	R	0.5	Black	D6570	6	IUSBR02
	L	2	Black	D6140A	3	ALL
SP_9000X	L	2	Black	D6140A	4	ALL
	R	3	Black	SP_M201	L	ALL
	L	0.35	Blue	SP_9000S	L	ALL
SP36106	L	0.35	Blue	D8220	5	NKLE01
	R	0.35	Blue	SP_9000W	L	ALL
	L	0.35	Green	D6510	2	USBR02
SP_9010B	L	0.35	Black/ Green	IC76	2	USBR02
	R	0.35	Green	D6570A	47	USBR02
	L	0.35	Blue	D7529A	C3	IAPA01
SP_9011B	L	0.35	Blue	IC91M	9	ALL
	R	0.35	Blue	D6570	15	IUSBR02
	R	0.35	Blue	D6570A	15	USBR02
SP24399	L	0.35	Pink	D7529A	D3	IAPA01
	L	0.35	Pink	IC91M	10	ALL
	R	0.35	Pink	D6570	40	IUSBR02
SP29	R	0.35	Pink	D6570A	40	USBR02
	L	0.5	Black	SP_M202	L	IAPA01
	R	0.5	Black	D7529B	G4	IAPA01
SP8861	R	0.5	Black	D7529B	H4	IAPA01
	R	0.35	Black	D7529A	A2	IAPA01
	R	0.35	Black	D7529B	J2	IAPA01
SP_M204	L	0.5	Blue/Red	D8300C	9	YBCM01
	L	0.5	Blue/Red	IC03AF	7	LEHD01
	L	0.5	Blue/Red	D8301C	9	YBDC01
SP24399	R	0.5	Blue/Red	D2635A	3	LEHD01
	R	0.5	Blue/Red	D2635B	3	LEHD03
	R	0.35	White	IC91M	7	ALL
SP8861	L	0.5	Brown	IC91M	25	ALL
	L	0.35	Brown	IC72F	7	ALL
	R	0.35	Brown	IC73F	7	ALL
SP_M204	L	0.5	Black	GP204	1	ALL
	L	0.5	Black	D8220	9	NKLE01
	R	0.35	Black	IC73F	10	ALL
SP_M202	R	0.5	Black	IC73F	8	ALL
	L	1	Black	GP202	1	LIAD03 TWLC01 IAPA01 HMP01
	R	0.5	Black	SP24399	L	IAPA01
SP_9000W	R	0.75	Black	IC93M	5	TWLC01
	R	0.35	Black	IC93M	4	LIAD03
	R	0.5	Black	IC93M	12	HMP01
SP_9001W	L	0.35	Blue	SP_9000X	R	ALL
	L	0.35	Blue	IC91M	1	ALL
	R	0.35	Blue	IC93M	9	ALL
SP_9001S	L	0.35	Pink	SP_9001X	R	ALL
	R	0.35	Pink	IC91M	2	ALL
	R	0.35	Pink	IC93M	10	ALL
SP_9001X	L	0.35	Blue	SP_9001Y	R	ALL
	L	0.35	Pink	SP_9001X	L	ALL
	R	0.35	Pink	IC75A	7	TPDS02 TPDS06 TPDS07
SP_9000S	L	0.35	Pink	SP_9001S	L	ALL
	R	0.35	Pink	D8220	6	NKLE01
	R	0.35	Pink	SP_9001W	L	ALL
SP_9001Y	L	0.35	Pink	SP_9001X	R	ALL
	L	0.35	Pink	IC91M	2	ALL
	R	0.35	Pink	IC93M	10	ALL
SP_M201	L	0.35	Pink	D6140B	16	ALL
	L	0.35	Blue	SP_9000K	L	ALL
	R	0.35	Blue	SP_9000S	L	ALL
SP_M201	L	0.35	Pink	D6140B	15	ALL
	L	0.35	Pink	SP_9001K	L	ALL
	R	0.35	Black	SP_9001S	L	ALL
SP_M201	L	2.5	Black	SP55300	L	TPDS02 TPDS06 TPDS07
	L	3	Black	SP_100	R	ALL
	L	2	Black	D8220	10	NKLE01
SP_M201	R	4	Black	GP201	1	ALL

Sub-instrument panel Harness Location Diagram



Sub-instrument panel Harness Structure Diagram



Sub-Instrument Panel Wiring Harness
Electrical Component List

Control Module			
Number	Name	Pin	Note
D8414	On-board Wireless Charger	8P	E2&E3

Appliances			
Number	Name	Pin	Note
D3008	Front Door Handle Ambient Light_Left	4P	E2&E3
D8236	Intelligent Entry Transceiver_IMMO_SI	2P	-

Mate Connector			
Number	Name	Pin	Note
IC93F	Sub-Instrument Panel Harness Connects to Body Harness IC93M	16P	-

Instrument Panel Wiring Harness Terminal Definitions

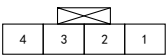
D8414 On-board Wireless Charger



Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.75	Red/Yellow	IC93F	1	Power Supply	TWLC01
2	-	-	-	-	-	-
3	-	-	-	-	-	-
4	0.75	Black	IC93F	5	Ground	TWLC01
5	0.35	Blue	IC93F	9	CAN_H	TWLC01
6	0.35	Pink	IC93F	10	CAN_L	TWLC01
7	-	-	-	-	-	-
8	-	-	-	-	-	-

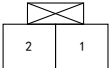
Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
			Connector Number	Pin Number	
1	0.75	Red/Yellow	D8414	1	TWLC01
2	-	-	-	-	-
3	-	-	-	-	-
4	0.35	Black	D3008	4	LIAD03
5	0.75	Black	D8414	4	TWLC01
6	-	-	-	-	-
7	0.35	Gray/Purple	D8236	1	ALL
8	0.35	Brown/Blue	D8236	2	ALL
9	0.35	Blue	D8414	5	TWLC01
10	0.35	Pink	D8414	6	TWLC01
11	-	-	-	-	-
12	-	-	-	-	-
13	0.35	Gray	D3008	1	LIAD03
14	0.35	Red/Black	D3008	2	LIAD03
15	-	-	-	-	-
16	-	-	-	-	-

D3008 Front Door Handle Ambient Light_Left



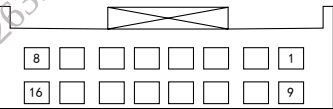
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.35	Gray	IC93F	13	Power Supply	LIAD03
2	0.35	Red/Black	IC93F	14	LIN	LIAD03
3	-	-	-	-	-	-
4	0.35	Black	IC93F	4	Ground	LIAD03

D8236 Intelligent Entry Transceiver_IMMO_Sub Instrument Panel

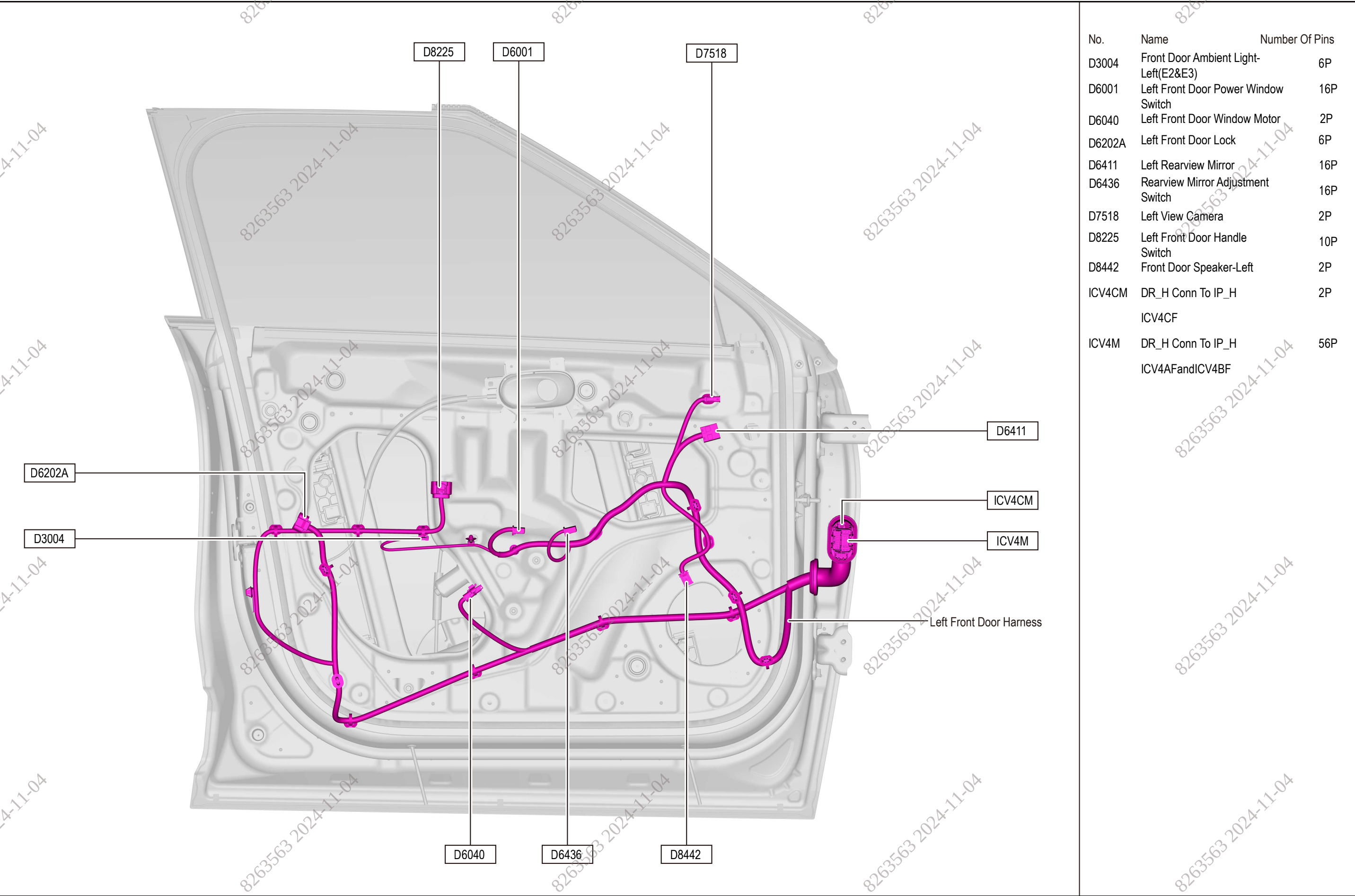


Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.35	Gray/Purple	IC93F	7	+	ALL
2	0.35	Brown/Blue	IC93F	8	-	ALL

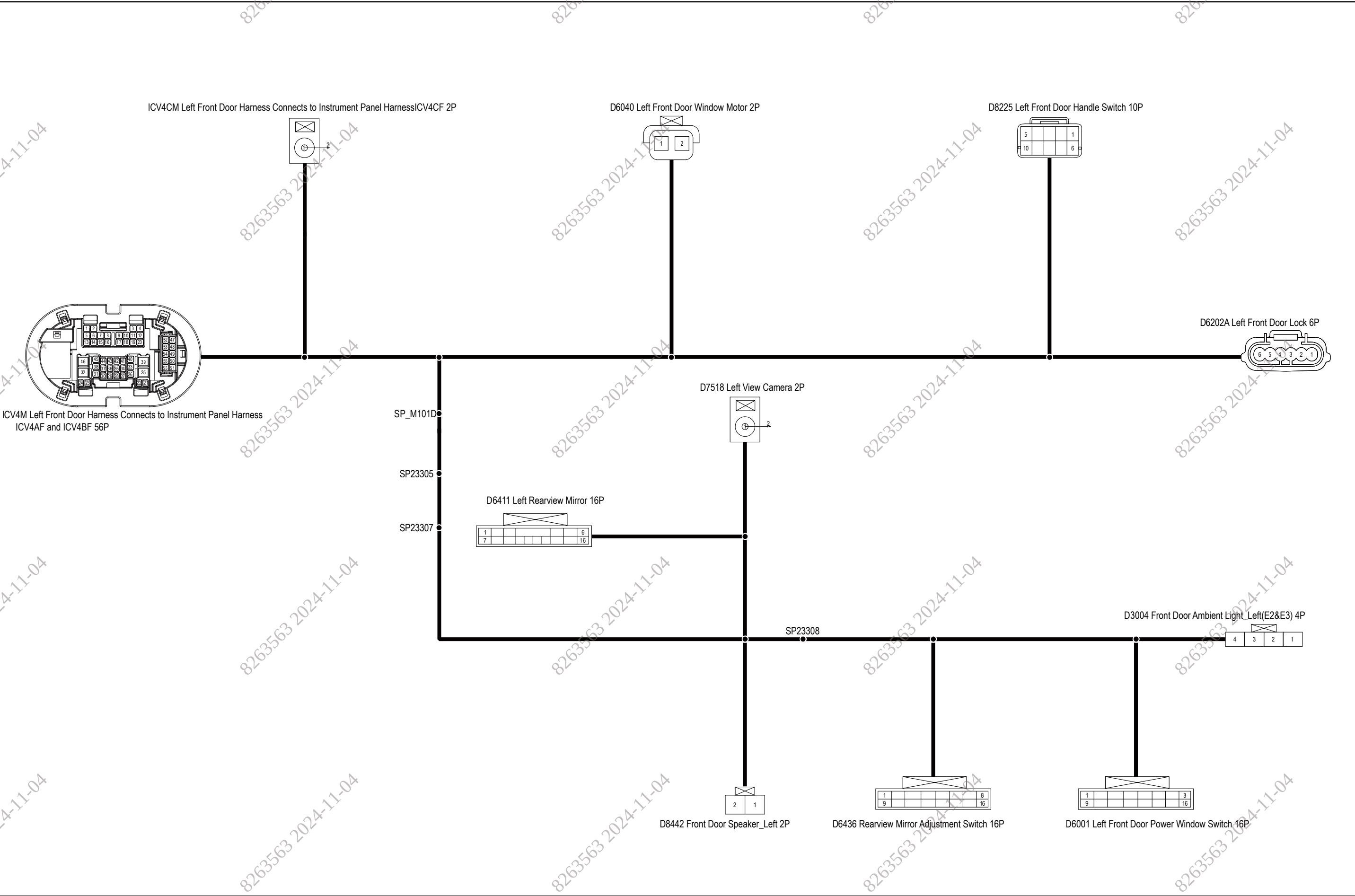
IC93F Instrument Panel Harness to Body Harness IC93M



Left Front Door Harness Location Diagram



Left Front Door Harness Structure Diagram



Left Front Door Harness
Electrical Component List

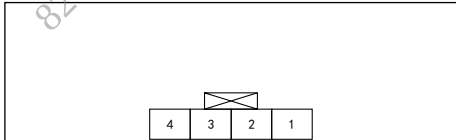
Control Unit			
Component Number	Component Name	Number of Pins	Remarks
D6001	Left Front Door Power Window Switch	16P	-

Appliances			
Component Number	Component Name	Number of Pins	Remarks
D3004	Front Door Ambient Light - Left	4P	E2&E3 Configuration
D6040	Left Front Door Window Motor	2P	-
D6202A	Left Front Door Lock	6P	-
D6411	Left Rearview Mirror	16P	-
D6436	Rearview Mirror Adjustment Switch	16P	-
D7518	Left View Camera	2P	-
D8225	Left Front Door Handle Switch	10P	-
D8442	Front Door Speaker - Left	2P	-

Docking Connector			
Component Number	Component Name	Number of Pins	Remarks
ICV4CM	Left Front Door Harness Connects to Instrument Panel Harness ICV4CF	2P	-
ICV4M	Left Front Door Harness Connects to Instrument Panel Harness ICV4AF and ICV4BF	56P	-

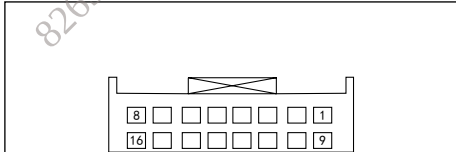
Left Front Door Harness Terminal Definition

D3004 Front Door Ambient Light - Left



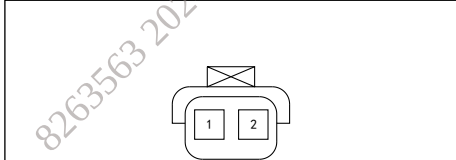
Hole Position	Wire Diameter	Wire Color	Connected Pin Connector Number	Pin Number	Function	Configuration
1	0.35	Brown/Green	ICV4M	21	Power Supply	LIAD03
2	0.35	Red/Black	ICV4M	27	LIN	LIAD03
3	-	-	-	-	-	-
4	0.35	Black	SP_M101D	R	Ground	LIAD03

D6001 Left Front Door Power Window Switch



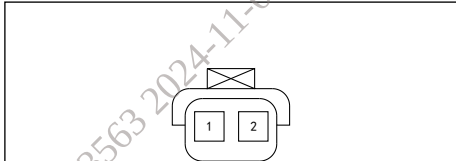
Hole Position	Wire Diameter	Wire Color	Connected Pin Connector Number	Pin Number	Function	Configuration
1	0.35	Brown	ICV4M	34	Power Supply	ALL
2	0.35	Yellow/Black	ICV4M	24	Central Locking Function Light Enable	ALL
3	0.35	Black	SP_M101D	R	Ground	ALL
4	-	-	-	-	-	-
5	0.35	Red/Yellow	ICV4M	11	Power Supply	ALL
6	0.35	Blue	ICV4M	43	Window Lock Function Light Enable	ALL
7	0.35	Brown	ICV4M	42	Left Front Door Signal Output	ALL
8	0.35	Green	ICV4M	8	Right Front Door Signal Output	ALL
9	0.35	Orange	ICV4M	4	Left Rear Door Signal Output	ALL
10	0.35	Gray	ICV4M	6	Right Rear Door Signal Output	ALL
11	0.35	Orange	ICV4M	3	Window Lock Signal Output	ALL
12	0.35	Black/White	ICV4M	22	Central Locking Signal Output	ALL
13	0.35	Brown	ICV4M	13	Signal Circuit Ground	ALL
14	-	-	-	-	-	-
15	-	-	-	-	-	-
16	-	-	-	-	-	-

D6040 Left Front Door Window Motor



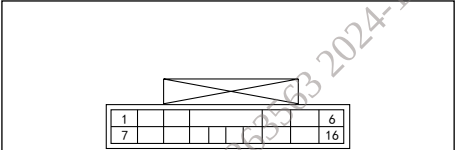
Hole Position	Wire Diameter	Wire Color	Connected Pin Connector Number	Pin Number	Function	Configuration
1	2	White	ICV4M	39	Down	ALL
2	2	Yellow	ICV4M	46	Up	ALL

D6202A Left Front Door Lock



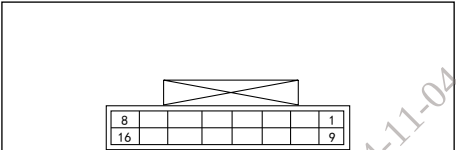
Hole Position	Wire Diameter	Wire Color	Connected Pin Connector Number	Pin Number	Function	Configuration
1	0.35	Brown/Red	ICV4M	9	Door Open/Close Switch Terminal	ALL
2	0.35	Black	SP_M101D	L	Switch Common Terminal	ALL
3	0.35	Black/Red	ICV4M	17	Central Control Switch Terminal	ALL
4	0.75	Green/Yellow	ICV4M	26	Central Motor Terminal	ALL
5	0.75	Yellow/Gray	ICV4M	45	Motor Common Terminal	ALL
6	-	-	-	-	-	-

D6411 Left Rearview Mirror



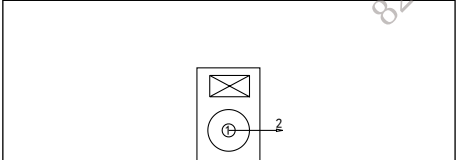
Hole Position	Wire Diameter	Wire Color	Connected Pin Connector Number	Pin Number	Function	Configuration
1	0.35	Blue/Yellow	SP23308	L	Steering Column Up/Down Adjustment	ALL
2	0.35	Black/Blue	D6436	2	Steering Column Left/Right Adjustment	ALL
3	0.35	Black/Red	D6436	3	Steering Column Common Terminal	ALL
4	-	-	-	-	-	-
5	-	-	-	-	-	-
6	-	-	-	-	-	-
7	-	-	-	-	-	-
8	0.35	Green/White	ICV4M	31	Turn Signal Positive	ALL
9	0.5	Black	SP_M101D	R	Turn Signal Heater Negative	ALL
10	0.5	Green	ICV4M	30	Heater Positive	RHOT01
11	0.35	Blue/White	SP23307	R	Folding Motor Positive	REFD01
12	0.5	Yellow/Black	SP23305	R	Folding Motor Negative	REFD01
13	-	-	-	-	-	-
14	-	-	-	-	-	-
15	-	-	-	-	-	-
16	-	-	-	-	-	-

D6436 Rearview Mirror Adjustment Switch



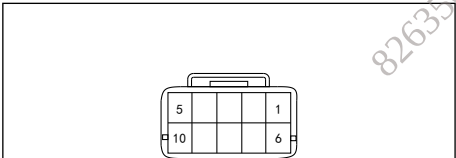
Hole Position	Wire Diameter	Wire Color	Connected Pin Connector Number	Pin Number	Function	Configuration
1	0.35	Yellow	ICV4M	14	Backlight	ALL
2	0.35	Black/Blue	D6411	2	Left Side Mirror Left/Right Terminal	ALL
3	0.35	Black/Red	D6411	3	Left Side Mirror Common Terminal	ALL
4	0.35	Black/Blue	ICV4M	37	Right Side Mirror Left/Right Terminal	ALL
5	0.35	Black/Red	ICV4M	36	Right Side Mirror Common Terminal	ALL
6	0.35	Blue/Yellow	SP23308	R	Left and Right Side Mirror Up/Down Common Terminal	ALL
7	0.5	Black	SP_M101D	R	Ground	ALL
8	0.35	White	ICV4M	15	Power Supply	ALL
9	0.5	Purple	ICV4M	44	Side Mirror Folding	REFD01
10	0.5	Yellow/Black	SP_M101D	R	Rearview Mirror Folding Ground	REFD01
11	-	-	-	-	-	-
12	-	-	-	-	-	-
13	-	-	-	-	-	-
14	-	-	-	-	-	-
15	-	-	-	-	-	-
16	-	-	-	-	-	-

D7518 Left View Camera



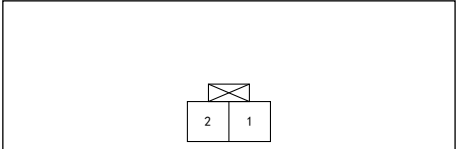
Hole Position	Wire Diameter	Wire Color	Connected Pin Connector Number	Pin Number	Function	Configuration
1	0.5	White/Red	ICV4CM	1	Signal	IAVW01
2	0.5	Green/Yellow	ICV4CM	2	Ground	IAVW01

D8225 Left Front Door Handle Switch



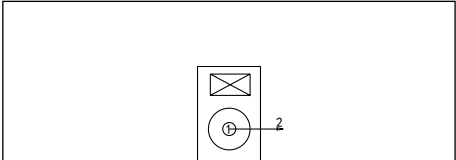
Hole Position	Wire Diameter	Wire Color	Connected Pin Connector Number	Pin Number	Function	Configuration
1	0.5	Red/Black	ICV4M	1	Motor Positive	NKLE01
2	0.35	Black	SP_M101D	L	Capacitor-	NKLE01
3	0.35	Black	SP_M101D	L	Micro Switch 3-	ALL
4	0.35	Yellow	ICV4M	18	Micro Switch 3+	ALL
5	0.35	Black	SP_M101D	L	Micro Switch 1/2-	NKLE01
6	0.5	Red/Blue	ICV4M	7	Motor Negative	NKLE01
7	0.35	Red/Yellow	ICV4M	12	Capacitor +	NKLE01
8	0.35	Brown	ICV4M	10	Capacitor Signal	NKLE01
9	0.35	Black/Yellow	ICV4M	2	Micro Switch 1+	NKLE01
10	0.35	Green/Black	ICV4M	5	Micro Switch 2+	NKLE01

D8442 Front Door Speaker - Left



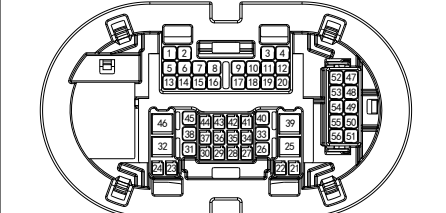
Hole Position	Wire Diameter	Wire Color	Connected Pin Connector Number	Pin Number	Function	Configuration
1	0.5	Red	ICV4M	33	-	ALL
2	0.5	Green	ICV4M	32	+	ALL

ICV4CM Left Front Door Harness Connects to Instrument Panel Harness ICV4CF



Hole Position	Wire Diameter	Wire Color	Connected Pin Connector Number	Pin Number	Configuration
1	0.5	White/Red	D7518	1	IAVW01
2	0.5	Green/Yellow	D7518	2	IAVW01

ICV4M Left Front Door Harness Connects to Instrument Panel Harness ICV4AF and ICV4BF

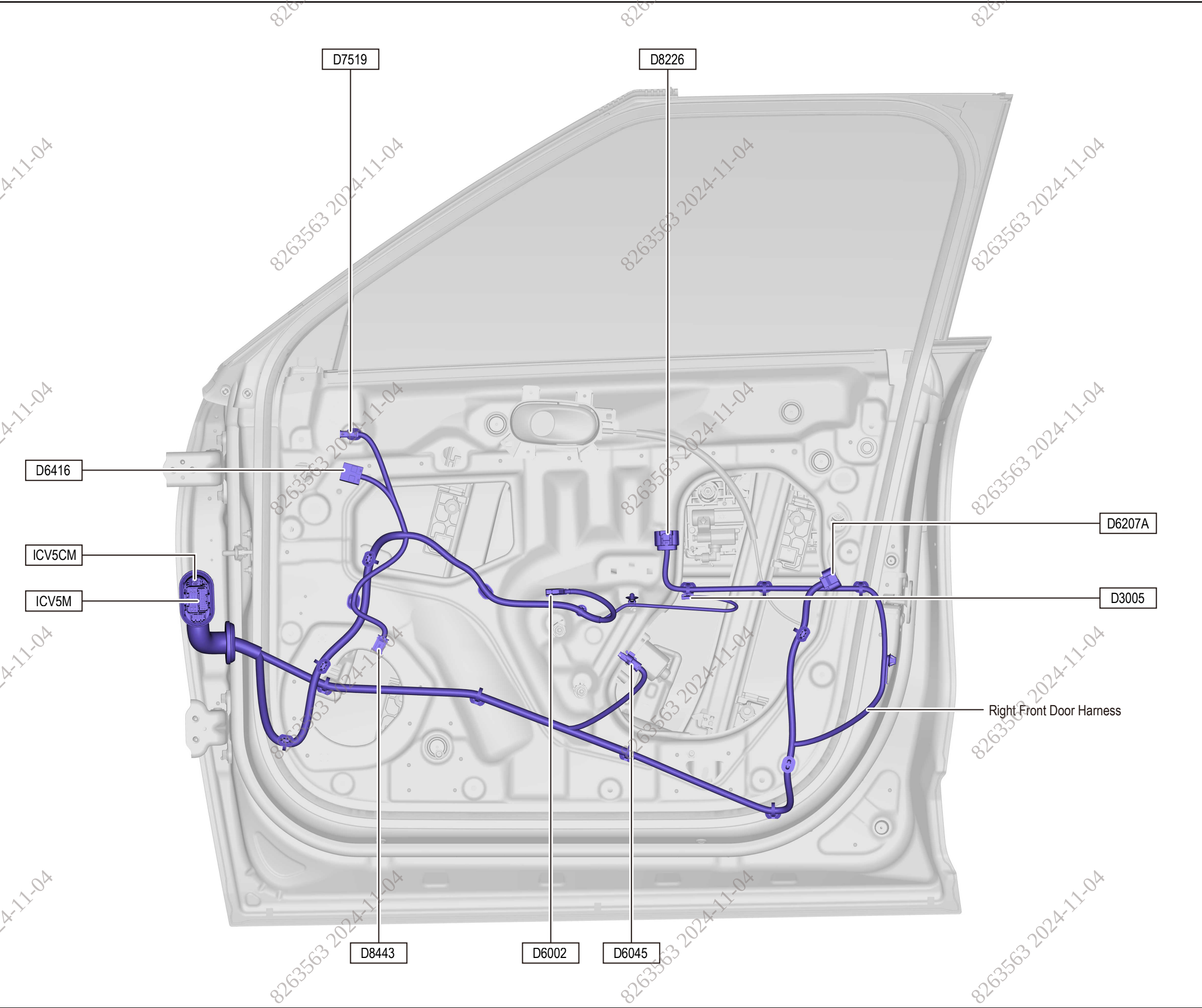


Hole Position	Wire Diameter	Wire Color	Connected Pin Connector Number	Pin Number	Configuration
1	0.5	Red/Black	D8225	1	NKLE01
2	0.35	Black/Yellow	D8225	9	NKLE01
3	0.5	Orange	D6001	11	ALL
4	0.35	Orange	D6001	9	ALL
5	0.35	Green/Black	D8225	10	NKLE01
6	0.35	Gray	D6001	10	ALL
7	0.5	Black/Blue	D8225	6	NKLE01
8	0.35	Green	D6001	8	ALL
9	0.35	Brown/Red	D6202A	1	ALL
10	0.35	Brown	D8225	8	NKLE01
11	0.35	Red/Yellow	D6001	5	ALL
12	0.35	Red/Yellow	D8225	7	NKLE01
13	0.35	Brown	D6001	13	ALL
14	0.35	Yellow	D6436	1	ALL
15	0.35	White	D6436	8	ALL
16	-	-	-	-	-
17	0.35	Black/Red	D6202A	3	ALL
18	0.35	Yellow	D8225	4	ALL
19	0.5	Yellow/Black	SP23305	L	REFD01
20	0.5	Yellow/Black	SP23307	L	REFD01
21	0.35	Brown/Green	D3004	1	LIAD03
22	0.35	Black/White	D6001	12	ALL
23	-	-	-	-	-
24	0.35	Yellow/Black	D6001	2	ALL
25	-	-	-	-	-
26	0.75	Green/Yellow	D6202A	4	ALL
27	0.35	Red/Black	D3004	2	LIAD03
28	0.35	Blue/White	SP23307	L	REFD01
29	0.35	Yellow/Black	D23305	L	REFD01
30	0.5	Green	D6411	10	RHOT01
31	0.35	Green/White	D6411	8	ALL
32	0.5	Green	D8442	2	ALL
33	0.5	Red	D8442	1	ALL
34	0.35	Brown	D6001	1	ALL
35	0.35	Blue/Yellow	SP23308	L	ALL
36	0.35	Black/Red	D6436	5	ALL
37	0.35	Black/Blue	D6436	4	ALL
38	1	Black	SP_M101D	L	ALL
39	2	White	D6040	1	ALL
40	-	-	-	-	-
41	-	-	-	-	-
42	0.35	Brown	D6001	7	ALL
43	0.35	Blue	D6001	6	ALL
44	0.5	Purple	D6436	9	REFD01
45	0.75	Yellow/Gray	D6202A	5	ALL
46	2	Yellow	D6040	2	ALL
47	-	-	-	-	-
48	-	-	-	-	-
49	-	-	-	-	-
50	-	-	-	-	-
51	-	-	-	-	-
52	-	-	-	-	-
53	-	-	-	-	-
54	-	-	-	-	-
55	-	-	-	-	-
56	-	-	-	-	-

Left Front Door Harness Splice Point List

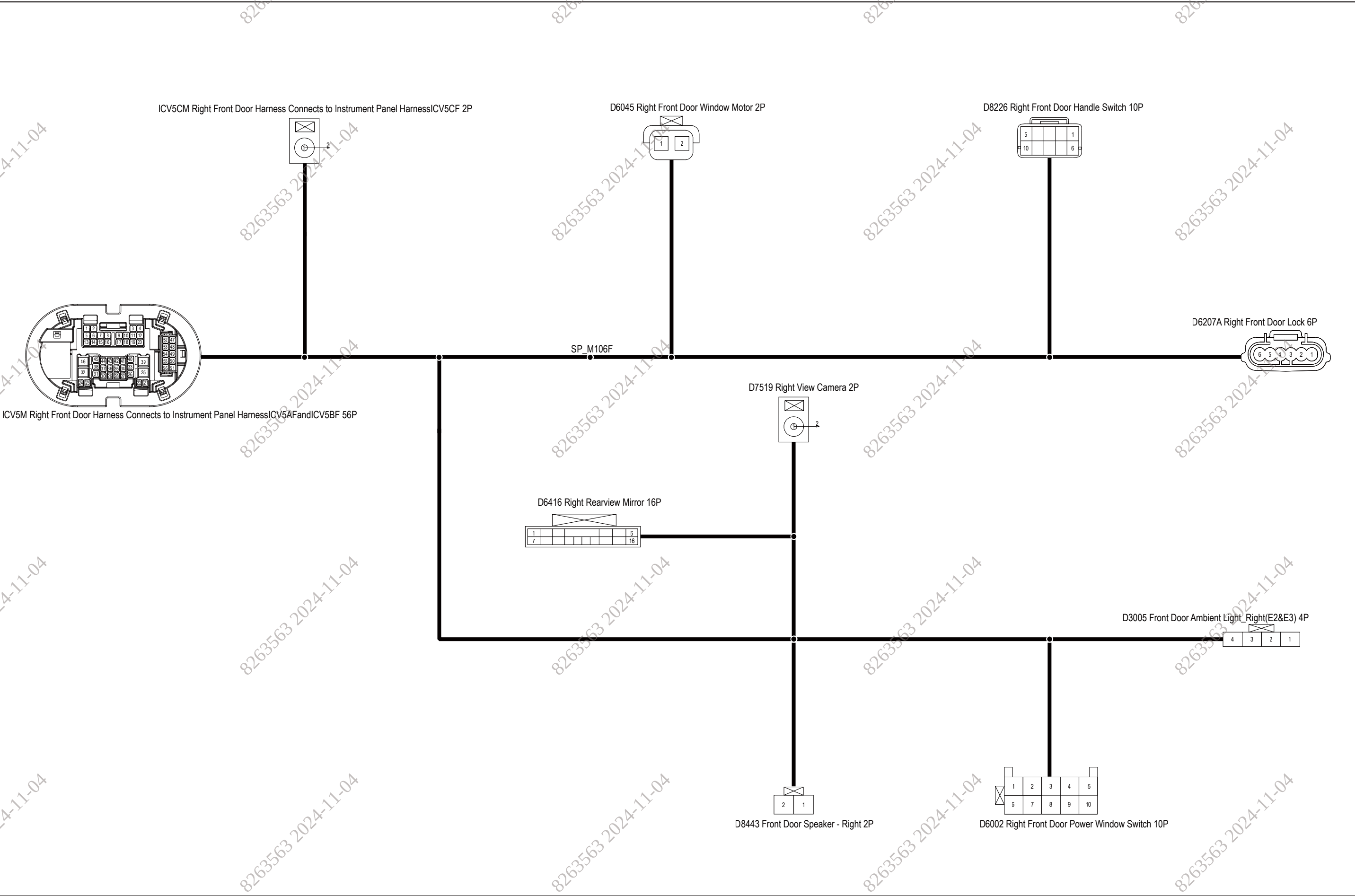
Splice Point	Hole Position	Wire Diameter	Wire Color	Connected Pin Connector Number	Pin Number	Configuration
SP_M101D	L	1	Black	ICV4M	38	ALL
	L	0.35	Black	D8225	2	NKLE01
	L	0.35	Black	D8225	3	ALL
	L	0.35	Black	D8225	5	NKLE01
	L	0.35	Black	D6202A	2	ALL
	R	0.35	Black	D3004	4	LIAD03
	R	0.5	Black	D6411	9	ALL
	R	0.5	Black	D6436	7	ALL
SP23305	R	0.5	Yellow/Black	D6001	10	REFD01
	R	0.35	Black	D6001	3	ALL
	L	0.35	Yellow/Black	ICV4M	29	REFD01
	L	0.5	Yellow/Black	ICV4M	19	REFD01
SP23307	R	0.5	Yellow/Black	D6411	12	REFD01
	L	0.35	Blue/White	ICV4M	28	REFD01
	L	0.5	Yellow/Black	ICV4M	20	REFD01
SP23308	R	0.35	Blue/White	D6411	11	REFD01
	L	0.35	Blue/Yellow	D6411	1	ALL
	R	0.35	Blue/Yellow	D6436	6	ALL

Right Front Door Harness Location Diagram



No.	Name	Number Of Pins
D3005	Front Door Ambient Light_Right (E2&E3)	4P
D6002	Right Front Door Power Window Switch	10P
D6045	Right Front Door Window Motor	2P
D6207A	Right Front Door Lock	6P
D6416	Right Rearview Mirror	16P
D7519	Right View Camera	2P
D8226	Right Front Door Handle Switch	10P
D8443	Front Door Speaker -Right	2P
ICV5CM	PD_H Conn To IP_H ICV5CF	2P
ICV5M	PD_H Conn To IP_H ICV5AFandICV5BF	56P

Right Front Door Harness Structure Diagram



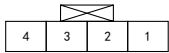
Right Front Door Harness Electrical Component List

Appliances			
Component Number	Component Name	Number of Pins	Remarks
D3005	Front Door Ambient Light_Right	4P	E2&E3 Configuration
D6002	Right Front Door Power Window Switch	10P	-
D6045	Right Front Door Window Motor	2P	-
D6207A	Right Front Door Lock	6P	-
D6416	Right Rearview Mirror	16P	-
D7519	Right View Camera	2P	-
D8226	Right Front Door Handle Switch	10P	-
D8443	Front Door Speaker - Right	2P	-

Docking Connector			
Component Number	Component Name	Number of Pins	Remarks
ICV5CM	Right Front Door Harness Connects to Instrument Panel Harness ICV5CF	2P	-
ICV5M	Right Front Door Harness Connects to Instrument Panel Harness ICV5AF and ICV5BF	56P	-

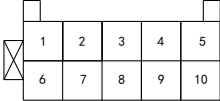
Right Front Door Harness Terminal Definition

D3005 Front Door Ambient Light_Right



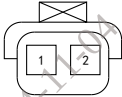
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.35	Gray	ICV5M	21	Power Supply	LIAD03
2	0.35	Red/Black	ICV5M	27	LIN	LIAD03
3	-	-	-	-	-	-
4	0.35	Black	SP_M106F	L	Ground	LIAD03

D6002 Right Front Door Power Window Switch



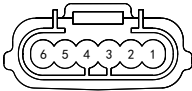
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.35	Black	SP_M106F	L	Ground	ALL
2	0.35	White	ICV5M	42	Signal Output Terminal	ALL
3	0.35	Red	ICV5M	13	Signal Circuit Ground	ALL
4	-	-	-	-	-	-
5	-	-	-	-	-	-
6	-	-	-	-	-	-
7	0.5	Orange	ICV5M	34	Power Supply	ALL
8	-	-	-	-	-	-
9	-	-	-	-	-	-
10	-	-	-	-	-	-

D6045 Right Front Door Window Motor



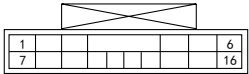
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	2	Yellow	ICV5M	39	Right Front Down	ALL
2	2	White	ICV5M	46	Right Front Up	ALL

D6207A Right Front Door Lock



Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	-	-	-	-	-	-
2	0.75	Yellow/Gray	ICV5M	45	Motor Common Terminal	ALL
3	0.75	Green/Yellow	ICV5M	26	Central Motor Terminal	ALL
4	-	-	-	-	-	-
5	0.35	Black	SP_M106F	R	Switch Common Terminal	ALL
6	0.35	Yellow/Red	ICV5M	9	Door Open/Close Switch Terminal	ALL

D6416 Right Rearview Mirror



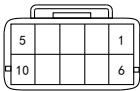
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.35	Blue	ICV5M	35	Steering Column Up/Down Adjustment	ALL
2	0.35	Red/Green	ICV5M	37	Steering Column Left/Right Adjustment	ALL
3	0.35	White/Red	ICV5M	36	Steering Column Common Terminal	ALL
4	-	-	-	-	-	-
5	-	-	-	-	-	-
6	-	-	-	-	-	-
7	-	-	-	-	-	-
8	0.35	White	ICV5M	31	Turn Signal Positive	ALL
9	0.5	Black	SP_M106F	L	Turn Signal Heater Negative	ALL
10	0.5	Green	ICV5M	30	Heater Positive	RHOT01
11	0.35	Yellow/Black	ICV5M	28	Folding Motor Positive	REFD01
12	0.35	Blue/Green	ICV5M	29	Folding Motor Negative	REFD01
13	-	-	-	-	-	-
14	-	-	-	-	-	-
15	0.35	Green	ICV5M	23	Temperature Sensor Positive	ALL
16	0.35	Red	ICV5M	24	Temperature Sensor Negative	ALL

D7519 Right View Camera



Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.5	Blue/Yellow	ICV5CM	1	Signal	IAVW01
2	0.5	Yellow/Black	ICV5CM	2	Ground	IAVW01

D8226 Right Front Door Handle Switch



Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.5	Red/Black	ICV5M	1	Motor Positive	NKLE01
2	-	-	-	-	-	-
3	0.35	Black	SP_M106F	R	Micro Switch 3-	ALL
4	0.35	Green	ICV5M	18	Micro Switch 3 +	ALL
5	0.35	Black	SP_M106F	R	Micro Switch 1/2-	NKLE01
6	0.5	Black/Blue	ICV5M	7	Motor Negative	NKLE01
7	-	-	-	-	-	-
8	-	-	-	-	-	-
9	0.35	Black/Yellow	ICV5M	2	Micro Switch 1 +	NKLE01
10	0.35	Green/Black	ICV5M	5	Micro Switch 2 +	NKLE01

D8443 Front Door Speaker - Right



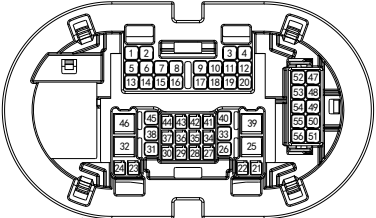
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.5	Red/White	ICV5M	33	Power Supply	ALL
2	0.5	White	ICV5M	32	Ground	ALL

ICV5CM Right Front Door Harness Connects to Instrument Panel Harness ICV5CF



Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
			Connector Number	Pin Number	
1	0.5	Blue/Yellow	D7519	1	IAVW01
2	0.5	Yellow/Black	D7519	2	IAVW01

ICV5M Right Front Door Harness Connects to Instrument Panel Harness ICV5AF and ICV5BF

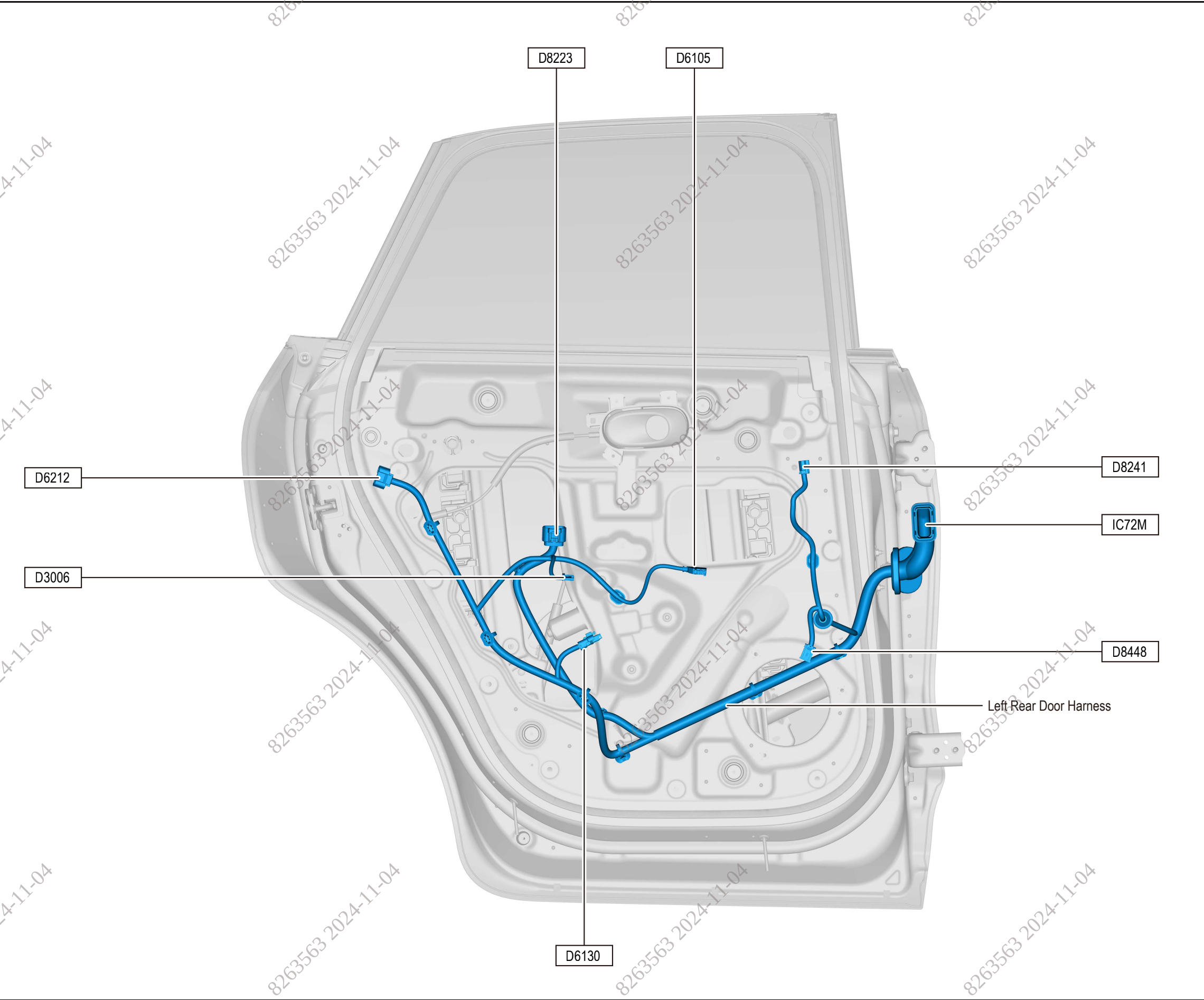


Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
			Connector Number	Pin Number	
1	0.5	Red/Black	D8226	1	NKLE01
2	0.35	Black/Yellow	D8226	9	NKLE01
3	-	-	-	-	-
4	-	-	-	-	-
5	0.35	Green/Black	D8226	10	NKLE01
6	-	-	-	-	-
7	0.5	Black/Blue	D8226	6	NKLE01
8	-	-	-	-	-
9	0.35	Yellow/Red	D6207A	6	ALL
10	-	-	-	-	-
11	-	-	-	-	-
12	-	-	-	-	-
13	0.35	Red	D6002	3	ALL
14	-	-	-	-	-
15	-	-	-	-	-
16	-	-	-	-	-
17	-	-	-	-	-
18	0.35	Green	D8226	4	ALL
19	-	-	-	-	-
20	-	-	-	-	-
21	0.35	Gray	D3005	1	LIAD03
22	-	-	-	-	-
23	0.35	Green	D6416	15	ALL
24	0.35	Red	D6416	16	ALL
25	-	-	-	-	-
26	0.75	Green/Yellow	D6207A	3	-
27	0.35	Red/Black	D3005	2	LIAD03
28	0.35	Yellow/Black	D6416	11	REFD01
29	0.35	Blue/Green	D6416	12	REFD01
30	0.5	Green	D6416	10	RHOT01
31	0.35	White	D6416	8	ALL
32	0.5	White	D8443	2	ALL
33	0.5	Red/White	D8443	1	ALL
34	0.5	Orange	D6002	7	ALL
35	0.35	Blue	D6416	1	ALL
36	0.35	White/Red	D6416	3	ALL
37	0.35	Red/Green	D6416	2	ALL
38	0.5	Black	SP_M106F	L	ALL
39	2	Yellow	D6045	1	ALL
40	-	-	-	-	-
41	-	-	-	-	-
42	0.35	White	D6002	2	ALL
43	-	-	-	-	-
44	-	-	-	-	-
45	0.75	Yellow/Gray	D6207A	2	ALL
46	2	White	D6045	2	ALL
47	-	-	-	-	-
48	-	-	-	-	-
49	-	-	-	-	-
50	-	-	-	-	-
51	-	-	-	-	-
52	-	-	-	-	-
53	-	-	-	-	-
54	-	-	-	-	-
55	-	-	-	-	-
56	-	-	-	-	-

Right Front Door Harness Splice Point List

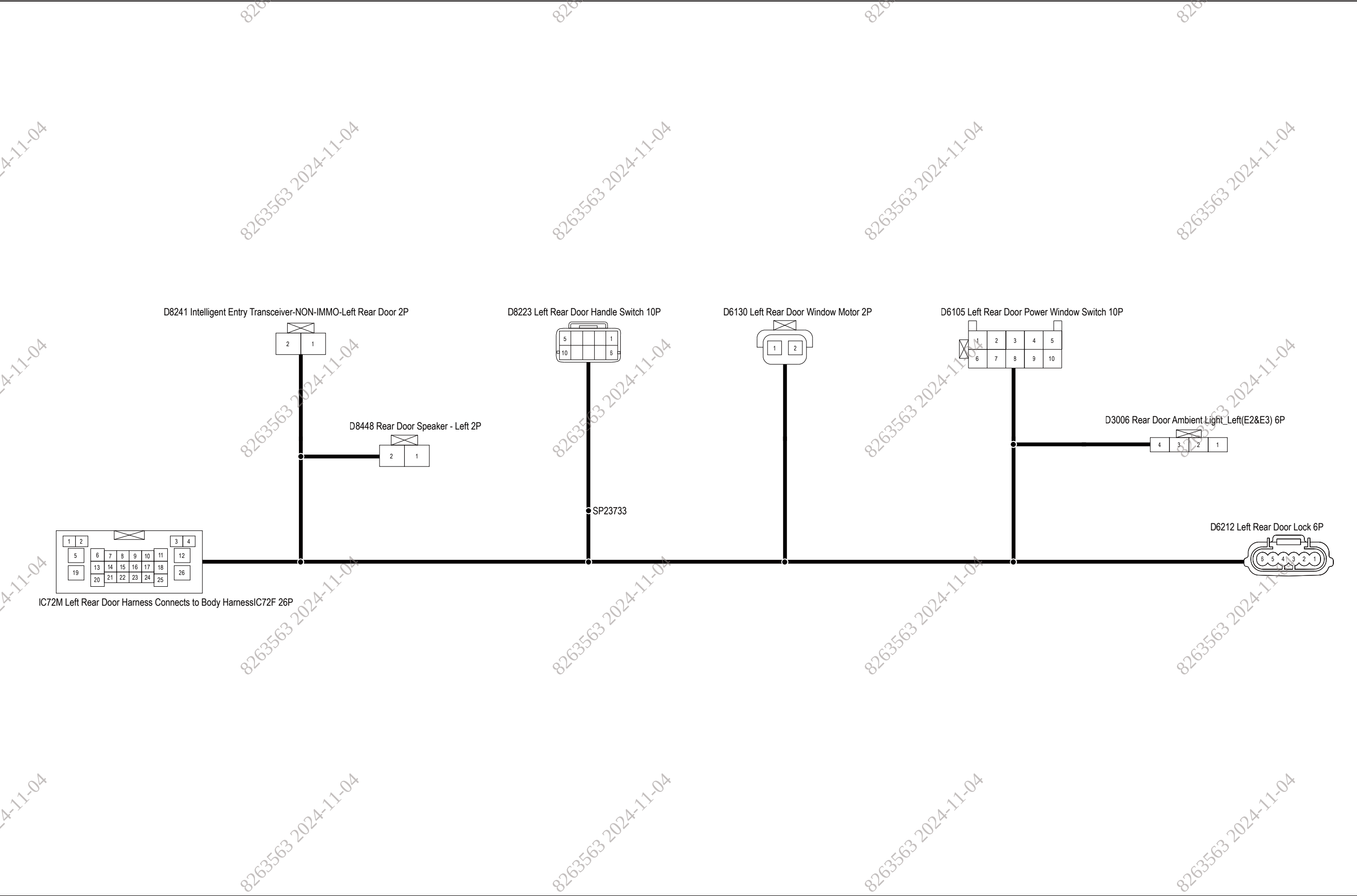
Splice Point	Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
				Connector Number	Pin Number	
SP_M106F	L	0.5	Black	ICV5M	38	ALL
	L	0.35	Black	D6002	1	ALL
	L	0.5	Black	D6416	9	ALL
	L	0.35	Black	D3005	4	LIAD03
	R	0.35	Black	D6207A	5	ALL
	R	0.35	Black	D8226	3	ALL
	R	0.35	Black	D8226	5	NKLE01

Left Rear Door Harness Location Diagram



No.	Name	Number Of Pins
D3006	Rear Door Ambient Light_Left(E2&E3)	4P
D6105	Left Rear Door Power Window Switch	10P
D6130	Left Rear Door Window Motor	2P
D6212	Left Rear Door Lock	6P
D8223	Left Rear Door Handle Switch	10P
D8241	Intelligent Entry Transceiver-Non-IMMO-Left Rear Door	2P
D8448	Rear Door Speaker-Left	2P
IC72M	RL_H Conn To BD_H IC72F	26P

Left Rear Door Harness Structure Diagram



Left Rear Door Harness
Electrical Component List

Appliances			
Component Number	Component Name	Number of Pins	Remarks
D3006	Rear Door Ambient Light_Left	4P	E2&E3 Configuration
D6105	Left Rear Door Power Window Switch	10P	-
D6130	Left Rear Door Window Motor	2P	-
D6212	Left Rear Door Lock	6P	-
D8223	Left Rear Door Handle Switch	10P	-
D8241	Intelligent Entry Transceiver - Non-IMMO - Left Rear Door	2P	-
D8448	Rear Door Speaker - Left	2P	-

Docking Connector			
Component Number	Component Name	Number of Pins	Remarks
IC72M	Left Rear Door Harness Connects to Body Harness IC72F	26P	-

Left Rear Door Harness Terminal Definition

D3006 Rear Door Ambient Light_Left

Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.35	Gray	IC72M	17	Power Supply	LIAD03
2	0.35	Red/Black	IC72M	14	LIN	LIAD03
3	-	-	-	-	-	-
4	0.35	Black	SP23733	L	Ground	LIAD03

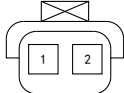
D6105 Left Rear Door Power Window Switch

82635

	1	2	3	4	5
6	7	8	9	10	

Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.35	Black	IC72M	10	Ground	ALL
2	0.35	Green	IC72M	3	Signal Output Terminal	ALL
3	0.35	Pink	IC72M	4	Signal Circuit Ground	ALL
4	-	-	-	-	Ground	-
5	-	-	-	-	-	-
6	-	-	-	-	-	-
7	0.35	Brown	IC72M	7	Power Supply	ALL
8	-	-	-	-	-	-
9	-	-	-	-	-	-
10	-	-	-	-	-	-

D6130 Left Rear Door Window Motor

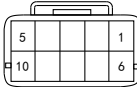
						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	2	White	IC72M	26	Right Rear Down	ALL
2	2	Yellow	IC72M	12	Right Rear Up	ALL

D6212 Left Rear Door Lock

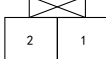
A top-down diagram of a 6-pin connector. The connector has a rectangular body with a central handle. Six pins are arranged in a horizontal row, numbered 1 to 6 from right to left. Pin 1 is on the far right, followed by 2, 3, 4, 5, and 6 on the far left.

Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.35	Brown/ Green	IC72M	9	Door Open/ Close Switch Terminal	ALL
2	0.35	Black	SP23733	L	Switch Common Terminal	ALL
3	-	-	-	-	-	-
4	0.75	Blue	IC72M	20	Central Motor Terminal	ALL
5	0.75	Yellow/ Gray	IC72M	25	Motor Common Terminal	ALL
6	-	-	-	-	-	-

D8223 Left Rear Door Handle Switch

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.5	Red/Black	IC72M	18	Motor Positive	NKLE01
2	-	-	-	-	-	-
3	0.35	Black	SP23733	R	Micro Switch 3+	ALL
4	0.35	Orange	IC72M	21	Micro Switch 3+	ALL
5	0.35	Black	SP23733	R	Micro Switch 1/2-	NKLE01
6	0.5	Black/Blue	IC72M	11	Motor Negative	NKLE01
7	-	-	-	-	-	-
8	-	-	-	-	-	-
9	0.35	Black/Yellow	IC72M	5	Micro Switch 1+	NKLE01
10	0.35	Green/Black	IC72M	6	Micro Switch 2+	NKLE01

D8241 Intelligent Entry Transceiver - Non-IMMO - Left Rear Door

						
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.35	Yellow/Black	IC72M	15	+	NKLE01
2	0.35	Red/Black	IC72M	16	-	NKLE01

D8448 Rear Door Speaker - Left

Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.5	Red/White	IC72M	2	-	HSPE02
2	0.5	White	IC72M	1	-	HSPE02

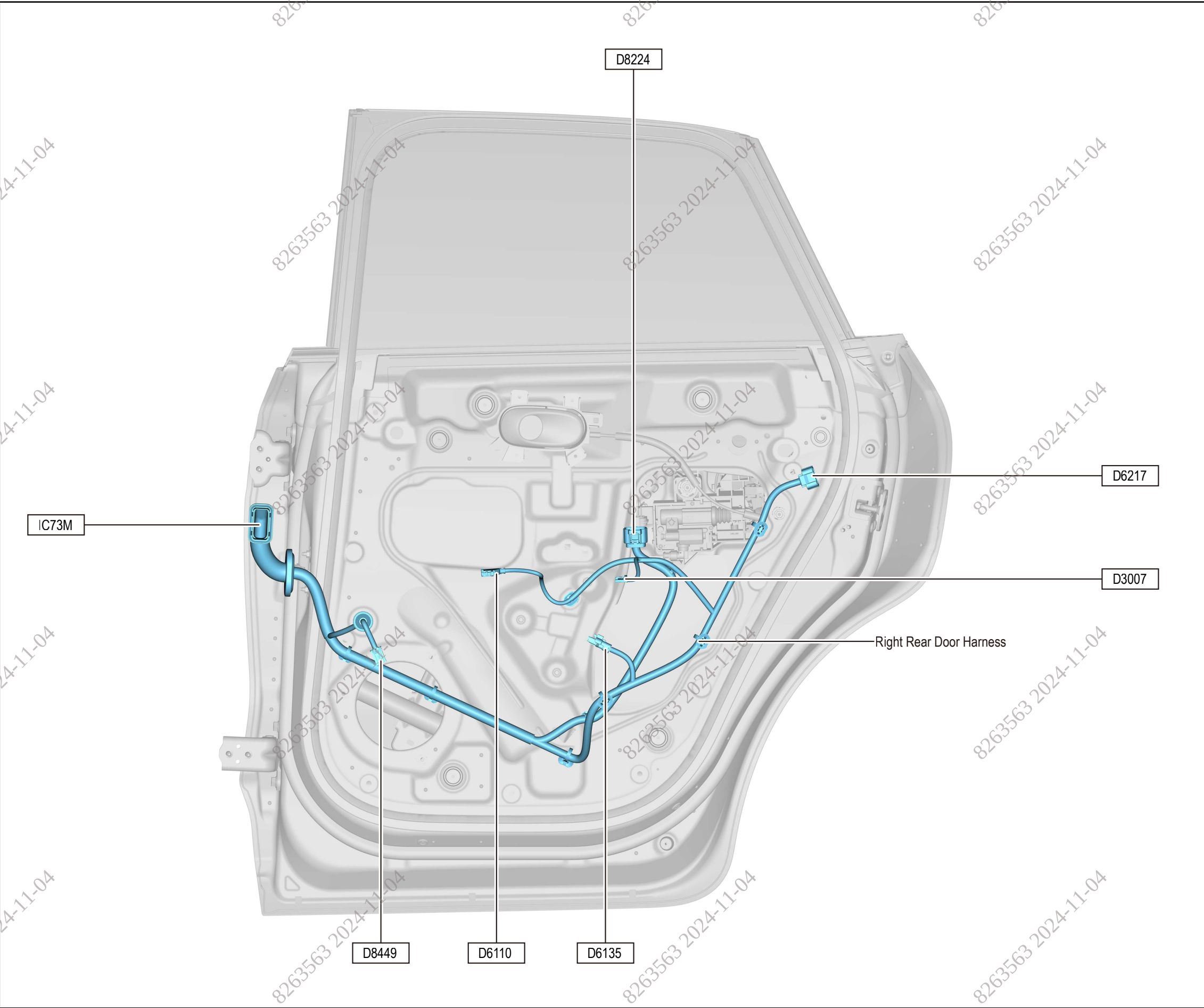
IC72M Left Rear Door Harness Connects to Body Harness IC72F

Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration	
			Connector Number	Pin Number		
1	0.5	White	D8448	2	HSPE02	
2	0.5	Red/White	D8448	1	HSPE02	
3	0.35	Green	D6105	2	ALL	
4	0.35	Pink	D6105	3	ALL	
5	0.35	Black/ Yellow	D8223	9	NKLE01	
6	0.35	Green/ Black	D8223	10	NKLE01	
7	0.35	Brown	D6105	7	ALL	
8	0.5	Black	SP23733	L	ALL	
9	0.35	Brown/ Green	D6212	1	ALL	
10	0.35	Black	D6105	1	ALL	
11	0.5	Black/Blue	D8223	6	NKLE01	
12	2	Yellow	D6130	2	ALL	
13	-	-	-	-	-	
14	0.35	Red/Black	D3006	2	LIAD03	
15	0.35	Yellow/ Black	D8241	1	NKLE01	
16	0.35	Red/Black	D8241	2	NKLE01	
17	0.35	Gray	D3006	1	LIAD03	
18	0.5	Red/Black	D8223	1	NKLE01	
19	-	-	-	-	-	
20	0.75	Blue	D6212	4	ALL	
21	0.35	Orange	D8223	4	ALL	
22	-	-	-	-	-	
23	-	-	-	-	-	
24	-	-	-	-	-	
25	0.75	Yellow/Gray	D6212	5	ALL	
26	2	White	D6130	1	ALL	

Left Rear Door Harness Splice Point List

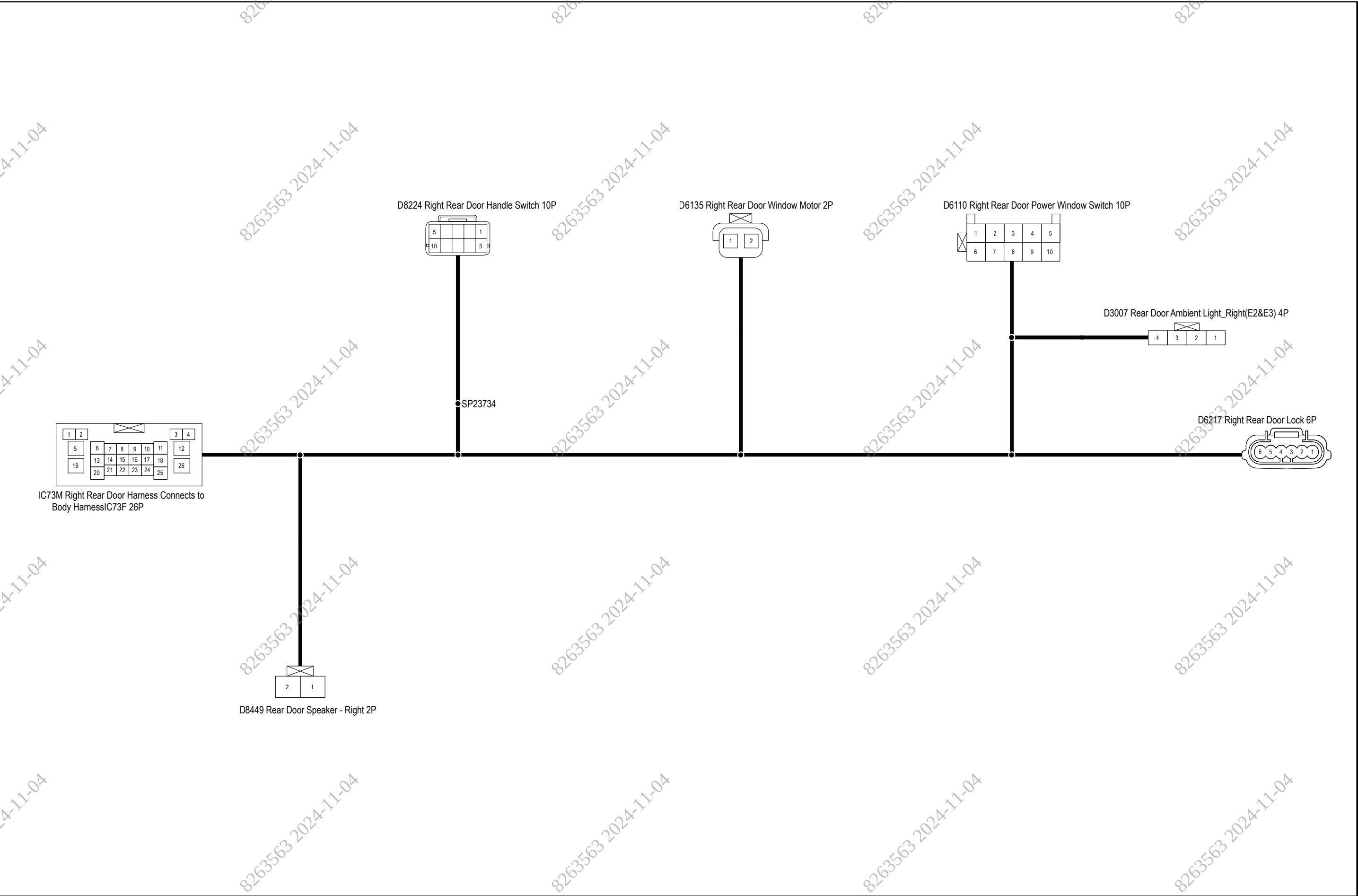
Splice Point	Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
				Connector Number	Pin Number	
SP23733	L	0.5	Black	IC72M	8	ALL
	L	0.35	Black	D6212	2	ALL
	L	0.35	Black	D3006	4	LIAD03
	R	0.35	Black	D8223	3	ALL
	R	0.35	Black	D8223	5	NKLE01

Right Rear Door Harness Location Diagram



No.	Name	Number Of Pins
D3007	Rear Door Ambient Light_Right (E2&E3)	4P
D6110	Right Rear Door Power Window Switch	10P
D6135	Right Rear Door Window Motor	2P
D6217	Right Rear Door Lock	6P
D8224	Right Rear Door Handle Switch	10P
D8449	Rear Door Speaker-Right	2P
IC73M	RR_H Conn To BD_H IC73F	26P

Right Rear Door Harness Structure Diagram



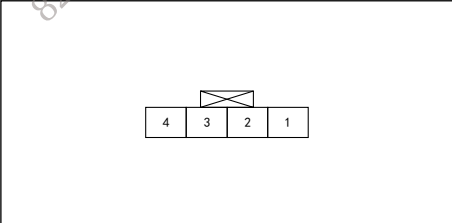
Right Rear Door Harness
Electrical Component List

Appliances			
Component Number	Component Name	Number of Pins	Remarks
D3007	Rear Door Ambient Light_Right	4P	E2&E3 Configuration
D6110	Right Rear Door Power Window Switch	10P	-
D6135	Right Rear Door Window Motor	2P	-
D6217	Right Rear Door Lock	6P	-
D6224	Right Rear Door Handle Switch	10P	-
D8449	Rear Door Speaker - Right	2P	-

Docking Connector			
Component Number	Component Name	Number of Pins	Remarks
IC73M	Right Rear Door Harness Connects to Body Harness IC73F	26P	-

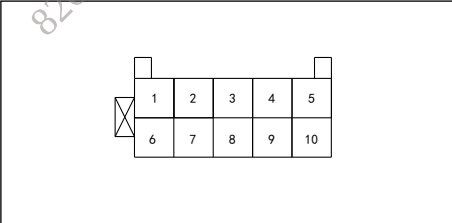
Right Rear Door Harness Terminal Definition

D3007 Rear Door Ambient Light_Right



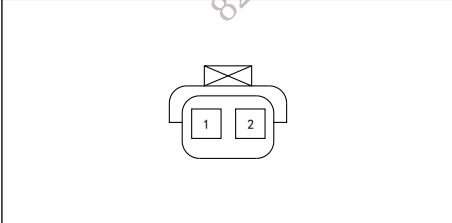
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.35	Gray	IC73M	17	Power Supply	LIAD03
2	0.35	Red/Black	IC73M	14	LIN	LIAD03
3	-	-	-	-	-	-
4	0.35	Black	SP23734	L	Ground	LIAD03

D6110 Right Rear Door Power Window Switch



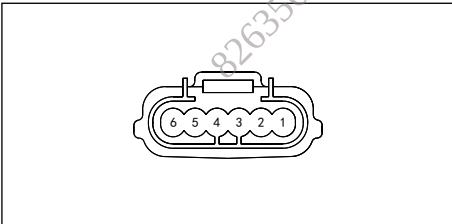
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.35	Black	IC73M	10	Ground	ALL
2	0.35	Brown	IC73M	3	Signal Output Terminal	ALL
3	0.35	Pink	IC73M	4	Signal Circuit Ground	ALL
4	-	-	-	-	Ground	-
5	-	-	-	-	-	-
6	-	-	-	-	-	-
7	0.35	Brown	IC73M	7	Power Supply	ALL
8	-	-	-	-	-	-
9	-	-	-	-	-	-
10	-	-	-	-	-	-

D6135 Right Rear Door Window Motor



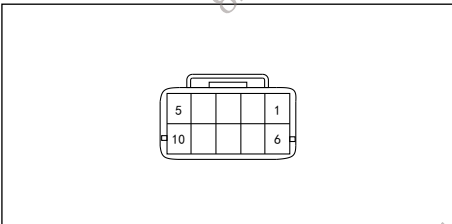
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	2	Yellow	IC73M	12	Right Rear Down	ALL
2	2	White	IC73M	26	Right Rear Up	ALL

D6217 Right Rear Door Lock



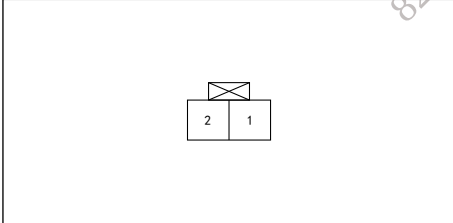
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	-	-	-	-	-	-
2	0.75	Yellow/Gray	IC73M	25	Motor Common Terminal	ALL
3	0.75	Blue	IC73M	20	Central Motor Terminal	ALL
4	-	-	-	-	-	-
5	0.35	Black	SP23734	L	Switch Common Terminal	ALL
6	0.35	Gray/Purple	IC73M	9	Door Open/Close Switch Terminal	ALL

D6224 Right Rear Door Handle Switch



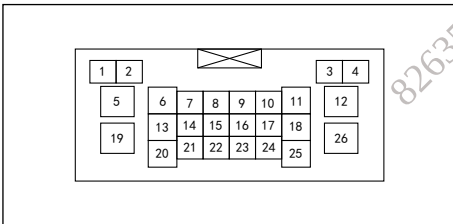
Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.5	Red/Black	IC73M	11	Motor Positive	NKLE01
2	-	-	-	-	-	-
3	0.35	Black	SP23734	R	Micro Switch 3	ALL
4	0.35	Gray	IC73M	21	Micro Switch 3+	ALL
5	0.35	Black	SP23734	R	Micro Switch 1/2-	NKLE01
6	0.5	Black/Blue	IC73M	18	Motor Negative	NKLE01
7	-	-	-	-	-	-
8	-	-	-	-	-	-
9	0.35	Black/ Yellow	IC73M	5	Micro Switch 1+	NKLE01
10	0.35	Green/ Black	IC73M	6	Micro Switch 2+	NKLE01

D8449 Rear Door Speaker - Right



Hole Position	Wire Diameter	Wire Color	Connected Pin		Function	Configuration
			Connector Number	Pin Number		
1	0.5	Red/White	IC73M	2	+	HSPE02
2	0.5	White	IC73M	1	-	HSPE02

IC73M Right Rear Door Harness Connects to Body Harness IC73F

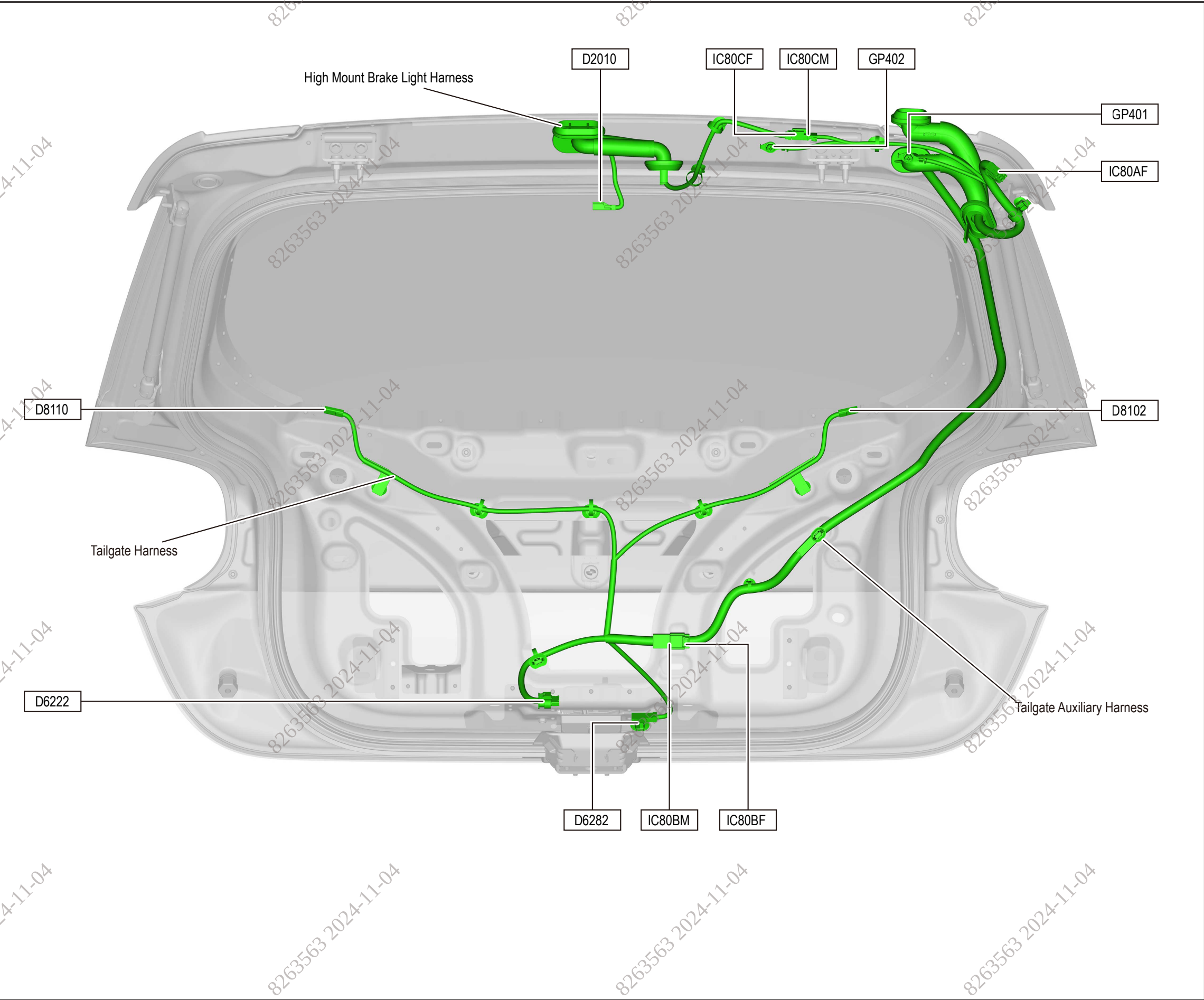


Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
			Connector Number	Pin Number	
1	0.5	White	D8449	2	HSPE02
2	0.5	Red/White	D8449	1	HSPE02
3	0.35	Brown	D6110	2	ALL
4	0.35	Pink	D6110	3	ALL
5	0.35	Black/ Yellow	D8224	9	NKLE01
6	0.35	Green/ Black	D8224	10	NKLE01
7	0.35	Brown	D6110	7	ALL
8	0.5	Black	SP23734	L	ALL
9	0.35	Gray/Purple	D6217	6	ALL
10	0.35	Black	D6110	1	ALL
11	0.5	Red/Black	D8224	1	NKLE01
12	2	Yellow	D6135	1	ALL
13	-	-	-	-	-
14	0.35	Red/Black	D3007	2	LIAD03
15	-	-	-	-	-
16	-	-	-	-	-
17	0.35	Gray	D3007	1	LIAD03
18	0.5	Black/Blue	D8224	6	NKLE01
19	-	-	-	-	-
20	0.75	Blue	D6217	3	ALL
21	0.35	Gray	D8224	4	ALL
22	-	-	-	-	-
23	-	-	-	-	-
24	-	-	-	-	-
25	0.75	Yellow/Gray	D6217	2	ALL
26	2	White	D6135	2	ALL

Right Rear Door Harness Splice Point List

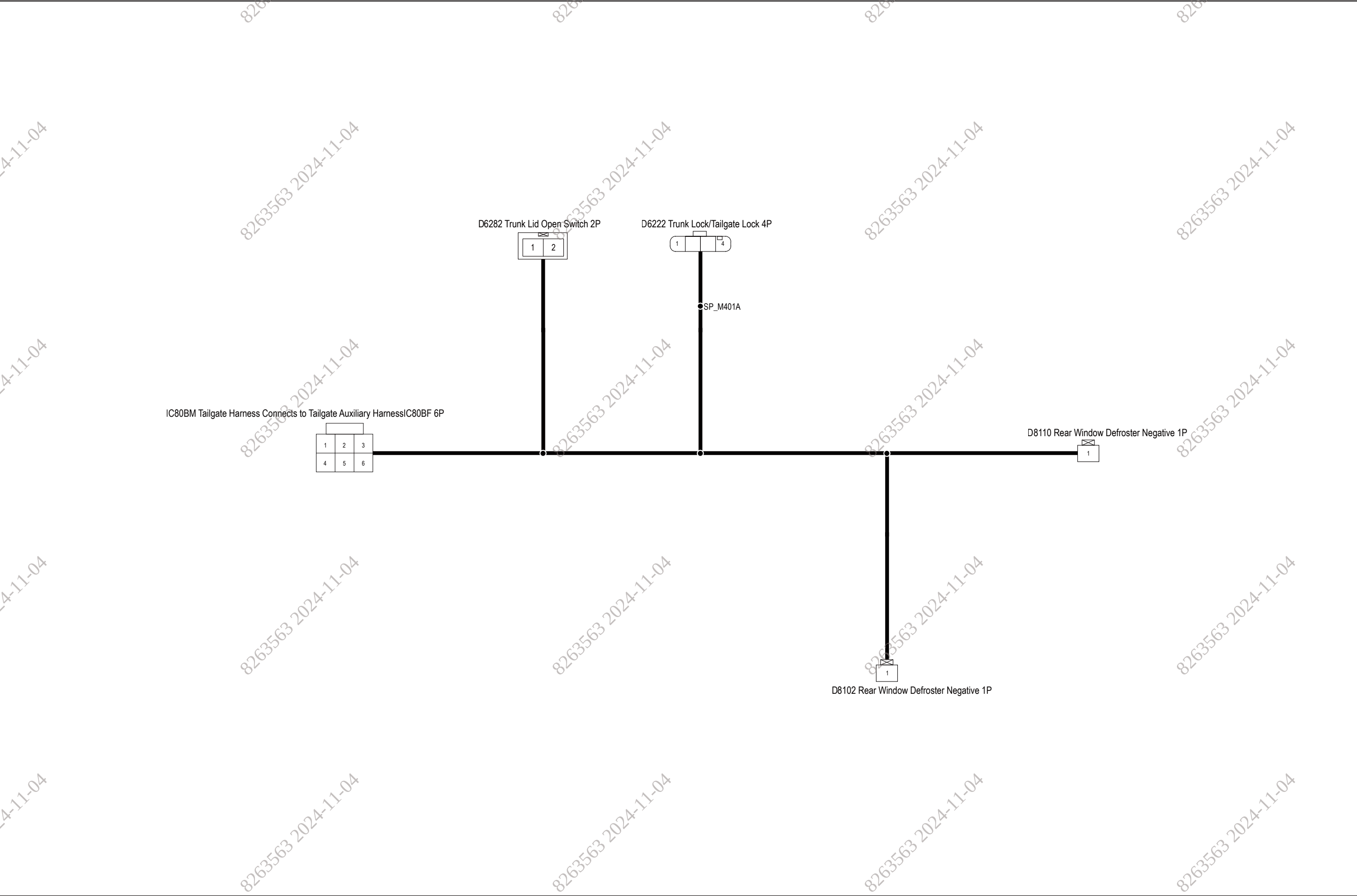
Splice Point	Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
				Connector Number	Pin Number	
SP23734	L	0.5	Black	IC73M	8	ALL
	L	0.35	Black	D6217	5	ALL
	L	0.35	Black	D3007	4	LIAD03
	R	0.35	Black	D8224	3	ALL
	R	0.35	Black	D8224	5	NKLE01

Tailgate Harness Location Diagram

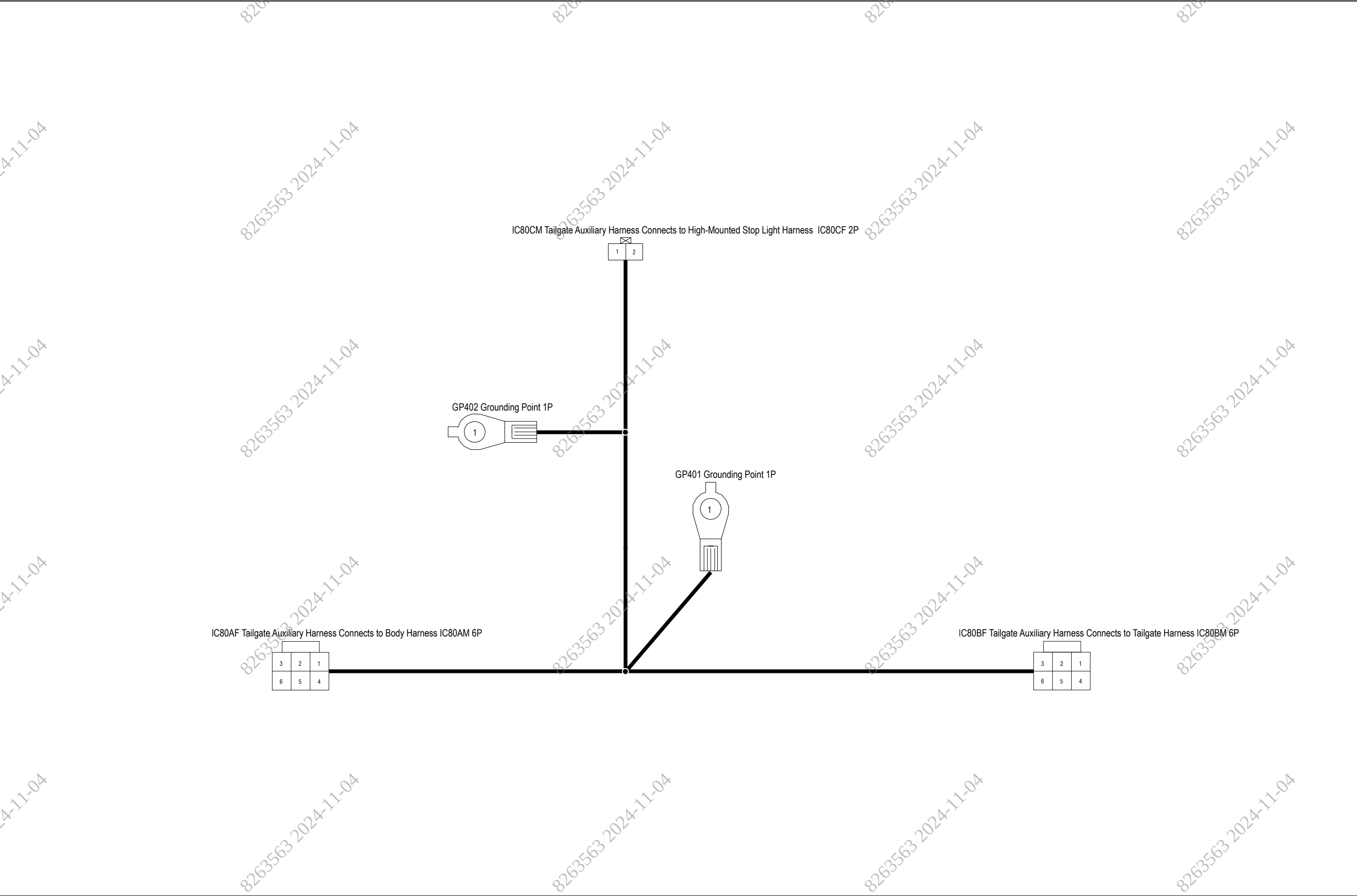


No.	Name	Number Of Pins
D2010	High Mount Brake Light	2P
D6222	Trunk Lock/Tailgate Lock	4P
D6282	Trunk Lid Open Switch	2P
D8102	Rear Window Defroster Negative	1P
D8110	Rear Window Defroster Positive	1P
IC80AF	TG Conn To BD_H IC80AM	6P
IC80BM	Tailgate Harness Conn To TG Auxiliary Harness IC80BF	6P
IC80BF	TG Conn To Tailgate Harness IC80BM	6P
IC80CM	TG Conn To High Mount Brake Light Harness IC80CF	2P
IC80CF	High Mount Brake Light Conn To TG Auxiliary Harness IC80CM	2P
GP401	GP	1P
GP402	GP	1P

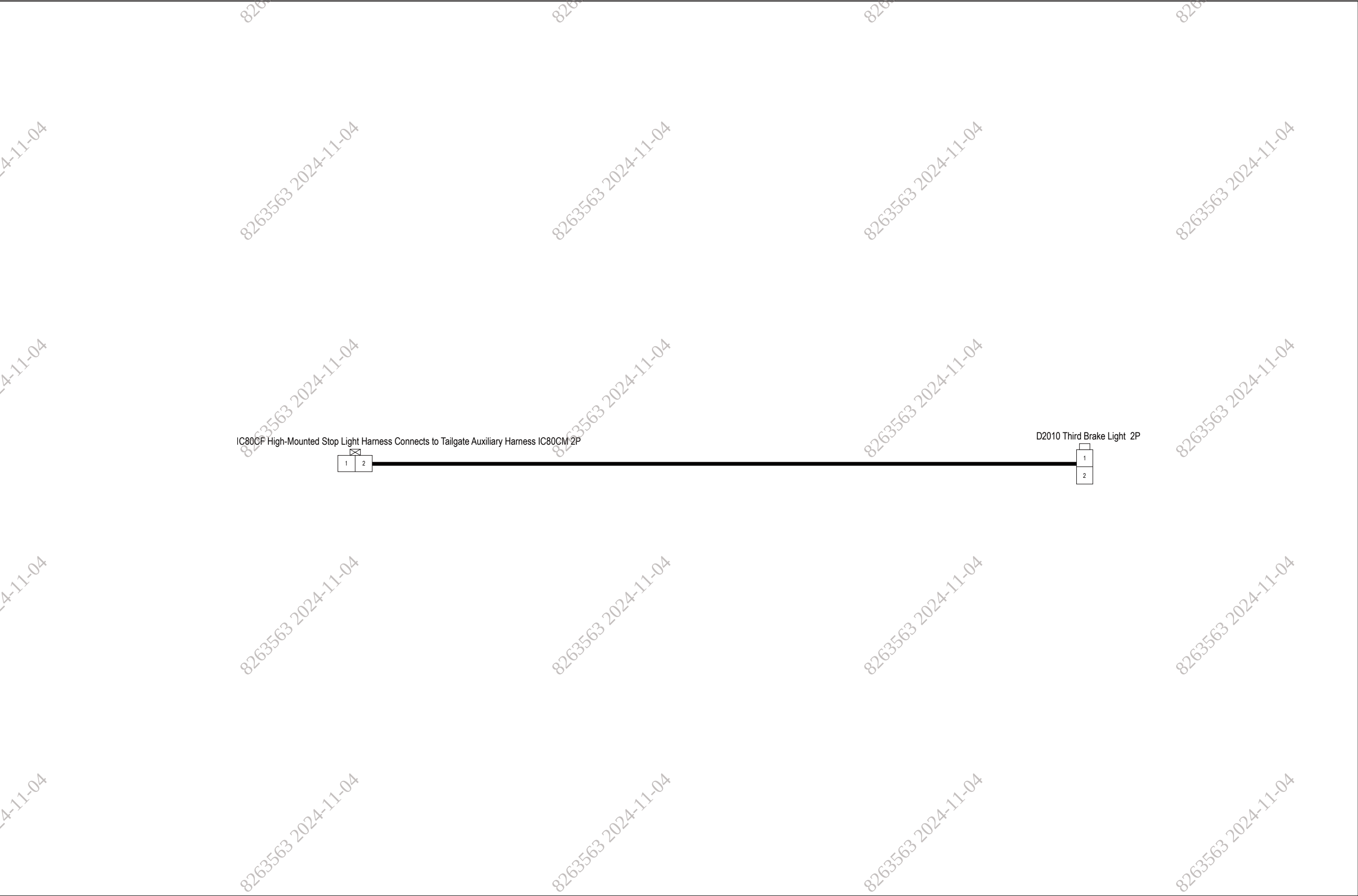
Tailgate Harness Structure Diagram



Tailgate Auxiliary Harness Structure Diagram



High Mount Brake Light Harness Structure Diagram



Tailgate Harness Electrical Component List

Appliances			
Component Number	Component Name	Number of Pins	Remarks
D6222	Trunk Lock/Tailgate Lock	4P	-
D6282	Trunk Lid Open Switch	2P	-
D8102	Rear Window Defroster Negative	1P	-
D8110	Rear Window Defroster Positive	1P	-

Docking Connector			
Component Number	Component Name	Number of Pins	Remarks
IC80BM	Tailgate Wiring Harness Connects to Tailgate Auxiliary Harness IC80BF	6P	-

Tailgate Auxiliary Harness Electrical Component List

Grounding Point			
Component Number	Component Name	Number of Pins	Remarks
GP401	Grounding Point	1P	-
GP402	Grounding Point	1P	-

Docking Connector			
Component Number	Component Name	Number of Pins	Remarks
IC80AF	Tailgate Auxiliary Harness Connects to Body Harness IC80AM	6P	-
IC80BF	Tailgate Auxiliary Harness Connects to Tailgate Harness IC80BM	6P	-
IC80CM	Tailgate Auxiliary Harness Connects to High-Mounted Stop Light Harness IC80CF	2P	-

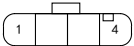
High Mount Brake Light Harness Electrical Component List

Appliances			
Component Number	Component Name	Number of Pins	Remarks
D2010	High-Mounted Stop Light	2P	-

Docking Connector			
Component Number	Component Name	Number of Pins	Remarks
IC80CF	High-Mounted Stop Light Harness Connects to Tailgate Auxiliary Harness IC80CM	2P	-

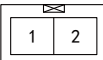
Tailgate Harness Terminal Definition

D6222 Trunk Lock/Tailgate Lock



Hole Position	Wire Diameter	Wire Color	Connector Number	Pin Number	Function	Configuration
1	0.75	Black	SP_M401A	R	Ground	ALL
2	0.75	Purple	IC80BM	2	Motor	ALL
3	0.35	Pink	SP_M401A	R	Ground	ALL
4	0.35	Pink	IC80BM	5	Ajar Switch	ALL

D6282 Trunk Lid Open Switch



Hole Position	Wire Diameter	Wire Color	Connector Number	Pin Number	Function	Configuration
1	0.35	Gray	IC80BM	3	Power Supply	ALL
2	0.35	Black	SP_M401A	L	Ground	ALL

D8102 Rear Window Defroster Negative



Hole Position	Wire Diameter	Wire Color	Connector Number	Pin Number	Function	Configuration
1	2.5	Black	IC80BM	6	Ground	ALL

D8110 Rear Window Defroster Positive



Hole Position	Wire Diameter	Wire Color	Connector Number	Pin Number	Function	Configuration
1	2.5	White	IC80BM	1	Power Supply	ALL

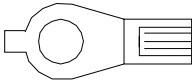
IC80BM Tailgate Harness Connects to Tailgate Auxiliary Harness IC80BF



Hole Position	Wire Diameter	Wire Color	Connector Number	Pin Number	Configuration
1	2.5	White	D8110	1	RHOT01
2	0.75	Purple	D6222	2	ALL
3	0.35	Gray	D6282	1	ALL
4	1	Black	SP_M401A	L	ALL
5	0.35	Pink	D6222	4	ALL
6	2.5	Black	D8102	1	RHOT01

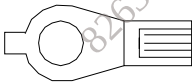
Tailgate Auxiliary Harness Terminal Definition

GP401 Grounding Point



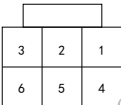
Hole Position	Wire Diameter	Wire Color	Connector Number	Pin Number	Function	Configuration
1	1.5	Black	SP_M401	L	Grounding	ALL

GP402 Grounding Point



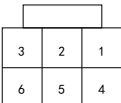
Hole Position	Wire Diameter	Wire Color	Connector Number	Pin Number	Function	Configuration
1	2.5	Black	IC80BF	6	Grounding	RHOT01

IC80AF Tailgate Auxiliary Harness Connects to Body Harness IC80AM



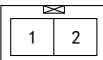
Hole Position	Wire Diameter	Wire Color	Connector Number	Pin Number	Configuration
1	0.35	Pink	IC80BF	5	ALL
2	0.75	Purple	IC80BF	2	ALL
3	0.35	Gray	IC80BF	3	ALL
4	-	-	-	-	-
5	2.5	White	IC80BF	1	RHOT01
6	0.5	Brown	IC80CM	2	ALL

IC80BF Tailgate Auxiliary Harness Connects to Tailgate Harness IC80BM



Hole Position	Wire Diameter	Wire Color	Connector Number	Pin Number	Configuration
1	2.5	White	IC80AF	5	RHOT01
2	0.75	Purple	IC80AF	2	ALL
3	0.35	Gray	IC80AF	3	ALL
4	1	Black	SP_M401	L	ALL
5	0.35	Pink	IC80AF	1	ALL
6	2.5	Black	GP402	1	RHOT01

IC80CM Tailgate Auxiliary Harness Connects to High-Mounted Stop Light Harness IC80CF



Hole Position	Wire Diameter	Wire Color	Connector Number	Pin Number	Configuration
1	0.5	Black	SP_M401	L	ALL
2	0.5	Brown	IC80AF	6	ALL

High Mount Brake Light Harness Terminal Definition

D2010 High-Mounted Stop Light



Hole Position	Wire Diameter	Wire Color	Connector Number	Pin Number	Function	Configuration
1	0.5	Black	IC80CF	1	Ground	ALL
2	0.5	Brown	IC80CF	2	Power Supply	ALL

IC80CF High-Mounted Stop Light Harness Connects to Tailgate Auxiliary Harness IC80CM



Hole Position	Wire Diameter	Wire Color	Connector Number	Pin Number	Configuration
1	0.5	Black	D2010	1	ALL
2	0.5	Brown	D2010	2	ALL

Tailgate Harness Splice Point List

Splice Point	Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
				Connector Number	Pin Number	
SP_M401A	L	1	Black	IC80BM	4	ALL
	L	0.35	Black	D6282	2	ALL
	R	0.35	Pink	D6222	3	ALL
	R	0.75	Black	D6222	1	ALL

Tailgate Auxiliary Harness Splice Point List

Splice Point	Hole Position	Wire Diameter	Wire Color	Connected Pin		Configuration
				Connector Number	Pin Number	
SP_M401	L	1.5	Black	GP401	1	ALL
	L	0.5	Black	IC80CM	1	ALL
	R	1	Black	IC80BF	4	ALL

Rear Bumper Harness Location Diagram

